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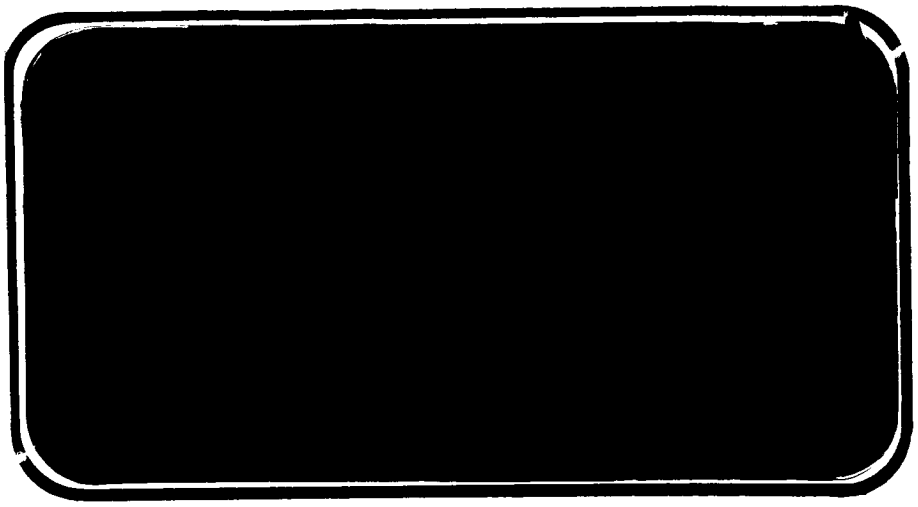

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES

SPACE DIVISION CHRYSLER CORPORATION

March 1980

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VOLUME 2 of 2

CALIBRATION TESTS OF THE SPACE SHUTTLE AIR DATA SYSTEM USING A 0.10-SCALE ORBITER FOREBODY MODEL (99-0) IN THE AEDC 16T PROPULSION WIND TUNNEL (OA232)

by

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Prepared under NASA Contract Number NAS9-13247

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	TF 431
NASA Series Number:	OA232
Model Number:	99-0
Test Dates:	February 15, 1978 through February 28, 1978
Occupancy Hours:	82

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CALIBRATION TESTS OF THE SPACE SHUTTLE AIR DATA SYSTEM USING A 0.10-SCALE ORBITER FOREBODY MODEL (99-0) IN THE AEDC 16T PROPULSION WIND TUNNEL (OA232)

by

W. R. Carlson, R. R. Burrows and J. Marroquin
Rockwell International, Space Systems Group

ABSTRACT

This report presents calibration test results of the 0.10-scale SSV orbiter forebody model 99-0 in the AEDC 16-T Propulsion Wind Tunnel. Testing was conducted between February 15, 1978 and February 28, 1978 with 82 total occupancy hours and 178 runs.

The primary objective of these tests was to provide a calibration of the side-mounted air data probes and the nose boom-mounted FT probe; specifically to 1) determine the local angle of attack, 2) measure probe static pressure error, and 3) determine the effect of probe scale.

Two alternate air data systems were evaluated:

1. A flush port system in the forward fuselage and
2. Instrumented RCS thruster chambers.

Mach numbers tested varied from 0.2 to 1.55 at Reynolds numbers up to 4.2×10^6 per foot. Angle of attack was varied from -8° to $+8^\circ$ and sideslip angles between $\pm 8^\circ$.

This report for ØA232 consists of two volumes:

Volume 1 - Plotted Data Figures 4-93,

Volume 2 - Tabulated Source Data.

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Schedule of Coefficients Plotted:

A) CPS1A vs. α

B) CPS1A vs. M

C) CPTA vs. α

D) CPTA vs. M

E) CPAL vs. α

F) CPAL vs. M

G) CPAU vs. α

H) CPAU vs. M

I) PS1LDC vs. α

J) PS1RDC vs. α

K) PS1ADC vs α

L) PS1LDC vs. M

M) PS1RDC vs. M

N) PS1ADC vs. M

O) Static Pressure Decrement vs. M

P) PT1LDC vs α

Q) PT1RDC vs α

R) PT1ADC vs α

S) PT1LDC vs M

T) PT1RDC vs M

U) PT1ADC vs M

V) Total Pressure Decrement vs. M

W) α vs. RAL

X) α vs. RAR

Y) α vs. RAA

Z) RAL vs. M

AA) RAR vs. M

BB) RAA vs. M

CC) RAL, RAR vs. M

DD) CPSF, β vs. α ; CPSF vs β;

EE) CP1,CP3,CP4,CP5,CP6 vs α

FF) CP11,CP12,CP13,CP14 vs. α

GG) CP43,CP44 vs α

HH) CPSF vs. α

II) CPTF vs α

JJ) CPFA vs. α

KK) CPFB vs. α

LL) PSFDEC vs. α

MM) PTFDEC vs. α

NN) RAF vs. α

OO) RBF vs. α

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
a		speed of sound, m/sec., ft/sec
AADS		local ADP Angle of attack, degrees
ADS		air data system
ADP	ADP	side mounted air data probe
	CA	axial force coefficient
C_p	CP	pressure coefficient, $(p_1 - P_\infty)/q$
C_{p_i}	CPI	static pressure coefficient at tap i
	CPITOT	PITOT pressure coefficient
	CPSA	PSA pressure coefficient, (PSA-P)/q
	CPSF	FT probe static pressure coefficient
	CPTA	0.2-scale ADP total pressure coefficient
	CPTF	FT probe total pressure coefficient
	DALF	sting deflection angle, degrees
	DPSI	sting deflection angle, degrees
	DPI	differential pressure at tap i
$f_{\alpha_{ADS}}$		ADS side probe α calibration relationship
f_{α_F}		FT probe α calibration relationship
f_{β_F}		FT probe β calibration relationship
	FRL	fuselage reference line
FT	FTP	Rosemount flight test probe
i_{F_α}		FT probe incidence angle in the pitch plane, degrees

SYMBOL	MNEMONIC	DEFINITION
i_{F_β}		FT probe incidence angle in the yaw plane, degrees
	LA	left hand ADP mounting block - aft position locates the tip of a 0.2-scale probe at the proper location of a 0.1-scale probe
	LFN	Left hand ADP mounting block - forward position - new. Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. Also properly locates a 0.1-scale probe.
	LFO	Left hand ADP mounting block - forward position - old. Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. However, the probe support blade was rolled 5.7° in excess, inboard-end up.
M	MACH	Mach number, V/a
M_2	M2	Mach number behind the probe shock
M_ℓ	MACHAX	ADP local Mach number forward of the probe shock, X = L, R or A
	MACHFL	FT probe local Mach number
p	P	freestream static pressure, psf
PAL	PAL (CPAL)	ADS 0.2-scale side probe lower pressure measurement, psf (Pressure Coefficient)
PAU	PAU (CPAU)	ADS 0.2-scale side probe upper pressure measurement, psf (Pressure Coefficient)
	PC	chamber pressure, psf
	PFA (CPFA)	pressure at α tap of FT probe, psf (Pressure Coefficient)
	PFB (CPFB)	pressure at β tap of FT probe, psf (Pressure Coefficient)

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
P_i	PI	pressure at station i, psf
	PITOT	local PITOT Pressure, psf
P_ℓ	PLA	local pressure forward of the ADS probe shock, psf
	PSA	0.2-scale ADP static pressure measurement, psf
	PSF	FT probe static pressure, psf
	PSFDEC	FT probe static pressure decrement
	PSF/P	ratio of FT probe static pressure to free-stream static pressure
	PSXDEC	0.2-scale ADP static pressure decrement, X = L, R or A
	PSX/P	ratio of 0.2-scale ADP to freestream static pressures, X = L, R or A
	PS1A (CPS1A)	0.1-scale side ADP static pressure, psf (Pressure Coefficient)
	PS1XDC	0.1-scale side ADP static pressure decrement X = L, R or A
	PSIX/P	ratio of 0.1-scale side ADP static to free-stream pressures
P_t	PT	tunnel freestream total pressure, psf
P_{t_1}	PT1	total pressure in front of ADS probe shock wave
	PT1XDC	0.1-scale side ADP total pressure decrement based on PS1A, X = L, R or A
P_{t_2}	PT2	total pressure behind ADS probe shock wave
	PTA	0.2-scale ADP total pressure, psf
	PTF	FT probe total pressure, psf

SYMBOL	MNEMONIC	DEFINITION
	PTFDEC	FT probe total pressure decrement
	PTF/PT	ratio of FT probe total pressure to freestream total pressure
	PTXDEC	0.2-scale ADP total pressure decrement, X = L, R or A
	PTX/P	ratio of 0.2-scale ADP to freestream total pressures, X = L, R or A
q	Q(PSF),Q	freestream incompressible dynamic pressure, psf
	QCF/QC	ratio of FT probe to freestream compressible dynamic pressures
q_c	QCOMP, QC	freestream compressible dynamic pressure, psf
	QC1X	0.1-scale side ADP compressible dynamic pressure based on PS1A, psf, where X = A, L, R or X
	QCX	ADS side probe compressible dynamic pressure, X = L, R or A, psf
	QCX/QC	ratio of ADS side probe to freestream compressible dynamic pressures, a_{cx}/q_c, X = L, R or A
	Q*X/QC	ADP Q ratio $(PTA-P_\omega)/Q_{COMP}$
	RA	Right hand ADP mounting block - aft position. Locates the tip of a 0.2-scale probe at the proper location of a 0.1-scale probe.
	RAF	Rosemount FT probe angle of attack calibration parameter.
	RBF	Rosemount FT probe angle of sideslip calibration parameter
	RAX	ADS side probe α calibration parameter, X = L, R or A

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DEFINITION
	RFN	Right hand ADP mounting block - forward position - new. Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. Also properly locates a 0.1-scale probe.
	RFO	Right hand ADP mounting block - forward position - old. Locates the static pressure tap of a 0.2-scale probe at the proper location of a 0.1-scale probe. However, the probe support blade was rolled 5.7^{o} in excess, in-board-end up.
RN/FT	RN/L, RE	Reynold's number per foot x 10^{-6}
T_t	TT	tunnel total temperature, ^{o}F
T_R	TTR	tunnel total temperature, ^{o}R
V		velocity, m/sec, ft/sec
α	ALPHA	model FRL angle-of-attack, degrees
α_{ADSX}	AXP	local angle-of-attack, measured by ADS side probe WRT the probe $\mathcal{L}$, degrees
α_{ADSX}/α	AXP/A	ratio of ADS probe local to model FRL angle-of-attack, X = L, R or A
α_F	AF	FT probe-indicated orbiter angle-of-attack WRT the FRL, degrees
α_F/α	AF/A	ratio of FT probe-indicated orbiter α to model α
α_{FT}	AFP	FT probe local angle-of-attack WRT the probe centerline, degrees
α_i		indicated model angle-of-attack, degrees
	ALFI	sting angle-of-attack, degrees

SYMBOL	MNEMONIC	DEFINITION
α_u	ALPHAU	model FRL angle-of-attack uncorrected for sting/ balance deflections, degrees
β	BETA	model FRL angle-of-sideslip, degrees
	BETA1	angle of side slip uncorrected for tunnel flow angularity
β_F	BF	FT probe-indicated orbiter angle-of-sideslip WRT the FRL, degrees
β_F/β	BF/B	ratio of FT probe-indicated orbiter β to model β
β_{FT}	BFP	FT probe local angle-of-sideslip WRT the probe centerline, degrees
β_i		indicated model sideslip angle, degrees
β_u	BETAU	angle-of-sideslip uncorrected for sting/balance deflections, degrees
Δ		increment
Δ_α		flow angularity correction to alpha, degrees
Δ_β		flow angularity correction to beta, degrees
Δ_{p_i}		differential pressure at i, psf
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
	PHII	sting roll angle, degrees
ρ		mass density, kg/m^3, $slugs/ft^3$

NOMENCLATURE (Concluded)

Reference & C. G. Definitions

MRP	moment reference point
XMRP	moment reference point on X axis
YMRP	moment reference point on Y axis
ZMRP	moment reference point on Z axis

SUBSCRIPTS

A	average of left and right ADS probes
ADP	air data probe
ADS	air data system
b	base
FT	flight test (probe)
i	variable for tap number
ℓ	local condition in front of ADS probe shock wave (same as 1)
L	ADS probe mounted on left-hand side of model
R	ADS probe mounted on right-hand side of model
S	static condition
T	total conditions
u	uncorrected value
X	ADS side probe dummy index which can represent left side (L), right side (R), average of left and right (A), or data processed as taken (X)
∞	freestream
1	local conditions in front of the ADS probe shock wave (same as ℓ)
2	condition behind ADS probe shock wave

INTRODUCTION

This report presents information and results relating to air data system calibration test OA232 of the 0.10-scale space shuttle orbiter forebody model 99-0 in the AEDC 16-T Propulsion Wind Tunnel.

The objective of these tests was to provide a transonic calibration of the ADS and FT probe systems, i.e., to measure probe-sensed pitot and static pressure errors, determine local angle of attack, and determine the effect of probe scale and location. Two alternate air data systems were also evaluated: namely, a flush port system in the forward fuselage (SEADS) and instrumented RCS thruster chambers.

To achieve the test objectives, Rosemount, Inc. supplied two 0.2-scale replicas of the vehicle probes, including a compensated 0.10-scale side probe equipped to measure only static pressure.

All of the side probes were manufactured to be interchangeable on either side of the model, with all static taps located at the 0.1-scale coordinates.

The model utilized for these tests was a high-fidelity representation of the orbiter vehicle 102 forebody, with RCS thruster cavities simulated and a flush-port alternate air data system. The thermal protection system (TPS) tiles were not simulated on this model, for the reason that previous tests with tiled and smooth model surfaces exhibited negligible effects on ADS measurements.

REMARKS

During the course of testing, several anomalies occurred which, in some cases, affected the quality of the final data. These can be summarized as follows:

1. Pressure tap #114 was inadvertently plugged for runs 159 through 178.

2. Pressure tap #25 developed a leak and was bad for runs 146 through 281.

3. During runs 52 and 53, there were several pressures which were overrange at various alphas: Numbers 71 - 80, and 82.

4. Due to long pressure stabilization times, a new pressure hookup was made after run 149. Three transducers were removed to eliminate excess volume: DP98, DP104 and DP105 (reference Figure 2g). Since we no longer measured these 3 quantities, the data reduction program was modified to calculate these differential quantities based on the remaining individual measurements of each probe pressure.

CONFIGURATIONS INVESTIGATED

The model tested was a 0.10-scale replica of the orbiter vehicle 102 forebody. Orbiter lines were duplicated from the nose back to Fuselage Station 670. Aft of Station 670 the model was ogive-faired to the sting. The aft closure terminated at Station 985.5 with an 8.8-inch diameter sting clearance hole. The thermal protection system (TPS) tiles which are located on the outer surface of the orbiter, were not simulated on this model. Windshield recesses and cavity vent ports were duplicated.

The model was comprised of four, 0.6-inch thick cast aluminum shell sections with a 0.25-inch thick coating of epoxy which provided the outer contours. The four sections were the nose, two center sections and the aft closure section. Two 3-inch thick bulkheads in the second section supported the balance sleeve. Adjoining sections were connected via rims to which they were bolted. The total model weight was 705 pounds.

A pair of ADS side probes were tested which were 0.2-scale replicas of the vehicle probes, including compensating contouring in the vicinity of the static pressure taps. Due to the small size of the probes all pressure instrumentation could not be included in each probe. Therefore, one probe contained only the pitot and static pressure measurements and the other probe contained the upper and lower flow angle sensors. See Figures 2d and 2e.

These probes were tested at two longitudinal locations, i.e., a forward position with the static tap at a point corresponding to that of a 0.1-scale probe and an aft position with the probe tip at a point

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corresponding to that of a 0.1-scale probe. Separate mounting blocks were employed to attain these locations. The probes could be interchanged between left and right sides of the model.

A third, single probe, built to 0.1-scale and containing only static pressure instrumentation mounted in either the left hand or right hand "new forward position" receptacles. See Figure 2c.

A 0.36-scale version of the flight test probe was mounted from the nose of the model at a nose-down incidence of 5^{o}, using a 14-inch long boom. The probe was capable of sensing pitot and static pressures along with pressures indicative of local angles of attack and sideslip. The static pressure tap was located at 0.10 of the full scale dimension from the orbiter nose. See Figure 2b. The ADS pressure schematic is shown in Figure 2g.

RCS thruster nozzles were simulated at 16 places on the forebody. The inside end of each nozzle was instrumented with a single pressure tap as a possible air data sensor.

Flush static pressure taps, located at 92 locations on both sides of the forebody, served as additional air data sensors. Figure 2f depicts the locations of these taps and Table IV summarizes the tap coordinate values.

The following nomenclature was used to designate model components:

Nomenclature	Description
B_{74}	orbiter 102 forebody simulated back to fuselage station 670
C_{16}	orbiter vehicle 102 canopy
N_{108}	RCS nozzle thruster cavities in the orbiter forebody. Each thruster was static pressure-instrumented.
PR_4	0.36-scale flight test probe (FT)
PR_7	0.2-scale air data probe with pitot and static pressure orifices (0.2P/S)
PR_8	0.2-scale air data probe with angle-of-attack pressure orifices (0.2A)
PR_{14}	0.1-scale air data probe with static pressure orifices only (0.1S)
VT_{18}	forward RCS vents, one on each side of the orbiter forebody
VT_{19}	cabin vents, one on each side of the orbiter forebody

Dimensional data for the above components may be found in Table III of this report.

The following system of abbreviated configuration symbols will be used to describe the probes listed above, and their mounting locations on the model:

Probe Symbol	Description
FT	PR_4 - 0.36-scale flight test probe
0.2P/S	PR_7 - 0.2-scale pitot-static ADP
0.2A	PR_8 - 0.2-scale angle-of-attack ADP
0.1S	PR_{14} - 0.1-scale compensated static ADP

CONFIGURATIONS INVESTIGATED (Concluded)

ADS Probe Mounting Block Symbol and Number	Description
LA #3	L. H. ADP mounting block-aft position
LFN #5	L.H. forward position - new block
LFO #1	L.H. forward position - old block
RA #4	R. H. ADP mounting block-aft position
RFN #6	R. H. forward position - new block
RFO #2	R. H. forward position - old block

NOTE: Any of the three compensated air data probes (PR_7, PR_8, or PR_{14}) can be mounted in any of the above six blocks.

INSTRUMENTATION

Pressure Measurements

All pressures from the model, plus the tunnel bellmouth total pressures, were measured on the facility-supplied P^2 B system located beneath the test section. Pressures were routed to the P^2 B transducers via about 80 feet of 1/8-inch I.D. plastic tubing, and connected to either ±5 psid or ±15 psid heads.

The P^2 B transducers were calibrated during the test against a Datametrics Quartz manometer which in turn was calibrated against a primary pressure standard calibrator which is traceable to the National Bureau of Standards.

Balance Measurements

Aerodynamic forces acting on the model were measured on the Rockwell four-component strain gauge-instrumented sting W-1170S-500. Loads were applied in the normal and side force directions to establish the strain gauge deflection sensitivities. This information was then used to compute support deflections due to running loads which were added to the sting centerbody pitch angle to obtain angle-of-attack.

Angle Measurements

A model-mounted, pendulum-type transducer was also used to measure model incidence, and was calibrated for either upright or inverted mounting.

TEST FACILITY DESCRIPTION

The AEDC PWT 16-Ft. Transonic Tunnel (Propulsion Wind Tunnel, Transonic 16T) is a continuous-flow closed-circuit tunnel capable of operation within a Mach number range of 0.20 to 1.60. The tunnel can be operated within a stagnation pressure range of 120 to 4000 psfa depending upon the Mach number. The stagnation temperature can be varied from an average minimum of about 80 to a maximum of 160°F as a function of cooling water temperature. Using a special cooling system of mineral spirits, liquid nitrogen, and liquid air, the stagnation temperature range can be varied from +30 to -30°F. Supersonic velocities are obtained by use of flexible-wall, Laval type nozzles.

The test section is 16-ft. square (in cross section) and 40-ft. long. The entire test section and supporting structure is constructed as a separate unit, called the test section cart, and is removable from the tunnel circuit. The test section carts may be moved to the model installation building where the test article and associated equipment are installed.

Two 40-ft. long test section carts are available for testing throughout the design temperature range. These carts are each 20-ft. long and are used in pairs to form the 40-ft. long test section. Each cart may be used in either the forward or aft position in the test section.

The test section is completely enclosed in a plenum chamber which can be evacuated, allowing part of the tunnel main flow to be removed

through the test section perforated walls, thereby unchoking the test section at near sonic speeds and alleviating wall interference effects.

TEST PROCEDURE

Before the tests began, calibration and check-out of all model pressure instrumentation were performed at AEDC. A total of 121 pressure transducers were calibrated. All pressure lines were identified, hooked up, and then leak and continuity checked prior to start of the test.

Rockwell International conducted a thermal and linearity check on the W-1170-500 balance assembly before the balance was shipped to AEDC. A complete calibration was performed with the model mounted on the balance in the 16-S cart at the facility. Load holes were provided in both the model and the "dummy balance" portion of the strain gauged sting. Loadings were performed up to the maximum expected values and deflections of the sting and balance were recorded.

A model-mounted pendulum type angle transducer was calibrated by AEDC prior to the test, with the final calibration in the tunnel against a clinometer on the model leveling plate.

The model was installed in the 16-T #2 cart using the Rockwell-supplied W-1170 instrumented sting, W-1170-5 7-1/2° adapter and the #S-5.533M-123.26-9.125M sting supplied by the facility. See Figure 2a. All electrical cables and pressure tubes were routed from the model on top of the sting and out of the tunnel through the model support.

Provision for checking the model pitch and roll level was by use of a three-legged platform resting in receptacles in the top of the second section of the model. Yaw offset was measured with the use of a transit and the centerline scribed longitudinally on the model.

TEST PROCEDURE (Concluded)

Just prior to test start, with all instrumentation hooked up, a complete leak and continuity check was performed on all model, probe, and reference pressures for the starting configuration.

Tunnel upflow and crossflow angles were determined by making pitch runs at each Mach number with the model rolled on the balance, first 0°, then 180°. The difference in pressures measured at flush taps 2 and 9, when plotted versus angle-of-attack for both roll conditions, yielded the upflow correction. The crossflow corrections were made using flush taps 5 and 6 and plotted versus beta.

The summary of test conditions is presented in Table I. The entire test program is presented in Table II.

DATA REDUCTION

Data measured and recorded during test OA232 consisted of:

1. Tunnel freestream conditions and parameters
2. Force balance data
3. Model pitch and yaw attitudes
4. ADS side probe pressures
5. Model surface static pressures
6. FT probe pitot, static, and angle pressures

Tunnel freestream conditions and parameters were reduced using AEDC standard data reduction techniques.

Four-component force balance data were also reduced using AEDC standard data reduction techniques, to provide corrections to angle-of-attack and sideslip due to sting deflections under load. Balance forces and moments were applied to the sting/support deflections for determination of model pitch and yaw attitudes.

Adjustments were made to pitch and yaw angles for tunnel upflow and crossflow based upon the results of $\phi = 0^{o}$ and 180^{o} runs. These adjustments are presented as $\Delta\alpha$ and $\Delta\beta$ in Table V. The basic form of the correction to α and β was: $\alpha = \alpha_i + \Delta\alpha$ and $\beta = \beta_i + \Delta\beta$.

Tunnel flow conditions were adjusted by the correction factors determined from the most recent tunnel surveys.

All probe and model pressures were reduced to standard pressure coefficient form.

It is these data which are documented in this report.

RESULTS AND DISCUSSION

In general, all test objectives were successfully attained. A discussion of these test results with a complete summary of plotted data can be found in Reference 7.

REFERENCES

1. Rockwell/Space Division Report #SD77-SH-0138, "Pretest Information for Test OA232 of the 0.10-Scale Orbiter Forebody Model 99-0 in the AEDC 16T propulsion Wind Tunnel," dated October 14, 1976.

2. Rockwell/Los Angeles Division Report #NA-76-663, "Structural Analysis of the SSV Model 99-0," dated September 7, 1976.

3. Rosemount Calibration Report #97625, "Aerodynamic Calibration of Second Set of 0.2-Scale Wind Tunnel Models of Rosemount Model 859P Air Data Sensor," dated September 27, 1976.

4. Rosemount Calibration Report #67728A, "Aerodynamic Recalibration After Being Repaired for the Second Set of 0.2-Scale Wind Tunnel Models of the Rosemount Model 859P Air Data Sensor," dated June 28, 1977.

5. Rosemount Calibration Report #7771D, "Aerodynamic Calibration of a 0.1-Scale Wind Tunnel Model of Rosemount Model 859V Air Data Sensor Designed for Fuselage Mounting on the Space Shuttle," dated July 1, 1977.

6. Rosemount Calibration Report #127410, "Aerodynamic Performance of a 0.36-Scale Model of the 92AF Flight Test Air Data Boom for use Ahead of a 0.36-Scale Model of the Space Shuttle Orbiter," dated December 10, 1974.

7. Rockwell/Space Division Report #SD75-SH-0038 Rev. B," Orbiter Air Data System Substantiation Report," by H. August, A.S. Dean, A. L. Mena, G. A. Wibbert, dated December, 1978.

TABLE I.

TEST : 0A232 DATE : 2-28-78

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft.)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.2	2.3×10^{-6}	100	85
0.4	2.3×10^{-6}	200	90
0.6	3.3	420	100
0.6	5.0	630	100
0.7	3.6	520	110
0.8	3.9	620	
0.85	4.0	670	
0.90	4.1	710	
0.90	2.0	350	
0.95	4.2	750	
0.98	4.2	770	
1.05	3.8	730	
1.10	3.9	750	
1.15	3.9	770	
1.20	3.9	790	
1.20	2.0	400	

BALANCE UTILIZED: _____

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	_____	_____	_____
SF	_____	_____	_____
AF	_____	_____	_____
PM	_____	_____	_____
RM	_____	_____	_____
YM	_____	_____	_____

COMMENTS:

TABLE I. (Concluded)

TEST : 0A232 DATE : 2-28-78

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft.)	STAGNATION TEMPERATURE (degrees Fahrenheit)
1.30	3.6	750	110
1.40	3.6	750	↓
1.45	3.5	750	↓
1.55	3.2	680	↓
1.55	2.0	430	↓

BALANCE UTILIZED: Rockwell W-1170-500 Instrumented Sting

	* CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	±8000 lbs.		
SF	±4000 lbs.		
AF			
PM			
RM			
YM			

COMMENTS: * Based on a load at M.S. 60.0 to produce 30 PSI stress at the strain-gauged sections.

TABLE II

AEDC 16T TF431

TEST: 0A232 — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 3/2/78

DATA SET IDENTIFIER	CONFIGURATION	φ	SCHD. α	SCHD. β	PROBES .1S	PROBES 2P/S	PROBES .2α	PROBES FTP	NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE) .20	.25	.4	.6	.7	.8	.85	.9	.95	.98	1.05	1.1	1.15	1.2	1.22	1.24	1.26	1.28	1.3	1.32	1.34	1.36	1.38	1.4	1.45	1.55
SVR 001	99-0 + FR22		A		OFF	LFO	RFO	ON	6	37	41	36	33	32	31																			
02	↓	180	B					↓	1				35																					
03	↓		D			↓			1			42																						
04	99-0		A		LFN	RA	OFF	OFF	17	70	250	77	49	257	115	114	52	108	105	102	81	84	56					88					97		58
05	RN LOW		A						3								54						55												60
06			A	2					17	71	251	78	50	258	116	113	53	109	106	103	82	85	57					89					98		59
07		180	E						16	72	252	79	80		117	112	111	110	107	104	83	86	87					90					99		101
08			C						7																			91	92	93	94	95	96	100	
09			F						14	253		254	255	256	280		259	279	278	281	260	277	276					261							262
10			C	2		↓			11															275	274	273	272	271	270	269	268	267	265	266 264	
11			A		OFF	LA	RA		17	136	244	134	132	129	230	232	149	236	147	238	138	240	141					143					145		242
12			A	2					17	137	245	135	133	130	231	233	235	237	148	239	139	241	142					144					146		243
13		180	E			↓			1					131																				
14			A		RFN	OFF	LA		18	188		190	159	186	193	214	195	212	165	167	169	171	173	175	176			200					207		210
15			A	2					16	189		192	160	187	194	215	196	213	166	168	170	172	174					201					208		211
16			C					↓	9																	197	198	199	202	203	204	205	206	209	
17			A				↓	ON	2	220	221																								
18			G						1			222																							
19			F						2				223	224																				
20			C			↓		↓	1						225																			
21	RN HI		A		LFN	RA	OFF	OFF	1				48																					

ANGLE SCHEDULES
A: -4, -2, 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 10°
B: -3, -1, 1, 3, 5, 7°
C: 8, 12, 16, 18°
D: 8, 10, 12
E: -2, 0, 2, 4, 6°
F: -2, 2, 6, 10, 14, 18, 10°
G: -4, -2, 0, 2, 4, 6, 10, 14, 18, 10°

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TABLE II Concluded

DATASET/RUN NUMBER COLLATION SUMMARY

DATASET IDENTIFIER 1ST CHARACTER	COEFFICIENT SCHEDULE											
	1ST IND VARIABLE	2ND IND VARIABLE										
A	MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
B	MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
C	MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
D	MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
E	MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
F	MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
G	MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
H	MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
I	MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
K	MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
M	MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
N	MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
Ø	MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
P	MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE			
Q	MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
X	MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108			
Z	MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETA1	PITOT	TT	TTR	PHII
1	MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
3	MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
4	MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101				

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B_{74}

GENERAL DESCRIPTION: OV102 forebody (tile surfaces are not simulated). OV102 lines are simulated back to X_o670. From X_o670 to $X_o985.5$, the forebody is ogive-faired to the sting cavity.

MODEL SCALE: 0.100

DRAWING NUMBER: SS-A01733, BCD V70-30-940-01

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length, In. (nose to boattail)	750.500	75.050
Max.Width @ X_o670 (including glove)	258.126	25.813
Max. Depth, In.	227.096	22.710
Fineness Ratio (length/max. width)	3.169	3.169
Area, $Ft.^2$		
Max. Cross-Sectional (@ X_o670, including glove)	314.474	3.145

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CANOPY - C_{16}

GENERAL DESCRIPTION: OV102 - canopy.

MODEL SCALE: 0.100

DRAWING NUMBER: SS-A01733, BCD V70-30-950-01 (VC70-000002B)

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length, In. (X_o432.0798 to X_o670)	237.920	23.792
Max. Width, In. (@ X_o594)	194.067	19.407
Max. Depth, In. (@ X_o492)	59.790	5.979
Fineness Ratio (length/max. width)	1.226	1.226
Area, $Ft.^2$		
Max. Cross-Sectional @ X_o520	45.66	0.4566

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: FORWARD RCS NOZZLES - N_{108}

MODEL SCALE: 0.100

GENERAL DESCRIPTION: Three forward-firing nozzles -X; three up-firing nozzles +Z; four down-firing nozzles, two on each side -Z; four side-firing nozzles, two on each side ±Y; and two down-firing vernier nozzles, one on each side -Z. OML is for trajectory 14414.1C.

DRAWING NO: VL70-008725A (4-21-76), MC467-0028-001 (Figure 2.0), Vernier Layout L18241

THRUSTER NUMBER	NOZZLE POSITION AND IDENTIFICATION		THRUSTER MOUNTING FACE (base) INCHES, FULL SCALE			THRUSTER NOZZLE ℄ PIERCES OML AT: Inches, full scale			Thruster ℄ distance, base to OML pierce pnt, infs
			X_o	Y_o	Z_o	X_o	Y_o	Z_o	
112	Forward	L.	327.277	-14.654	392.955	305.117	-14.654	392.995	22.160
122	Firing	℄	327.383	0.0	394.450	305.049	0.0	394.450	22.334
132	-X	R.	327.277	+14.654	392.955	305.117	+14.654	392.955	22.160
115		L.	350.925	-14.394	399.588	350.925	-14.394	414.464	13.876
125	Up Firing	℄	350.917	0.0	400.818	350.917	0.0	414.527	13.709
135	+Z	R.	350.925	+14.394	399.588	350.925	+14.394	414.464	13.876
116/136	Down Firing	L/R	333.840	±49.814	372.350	333.840	±62.578	355.412	21.209
126/146	-Z	L/R	348.440	±54.839	373.556	348.440	±67.036	357.371	20.263
113	Upper Side	L.	362.671	-55.631	373.728	362.671	-69.500	373.728	13.869
134	Firing ±Y	R.		+55.631			+69.500		
123	Lower Side	L.	364.708	-58.579	359.250	364.708	-71.645	359.250	13.066
144	Firing ±Y	R.		+58.579			+71.645		
157	Vernier	L.	324.350	-53.830	357.900	324.350	-59.697	350.115	9.748
158	-Z	R.		+53.830			+59.697		

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PR_4

GENERAL DESCRIPTION: Flight Test Nose Boom

MODEL SCALE: 0.360 Nose boom and 0.100 nose boom adapter

DRAWING NUMBER: SS-A01664

DIMENSIONS:	FULL SCALE	MODEL SCALE
Overall Length, along centerline to Sta. X_o = 23.500 (In.)	218.65	21.865
Max. Dia., (Boom), In.	2.0	0.72
Max. Dia., (Boom Adapter), In.	8.75	0.875
Angle of Incidence, Deg.	- 5.0	- 5.0
Area - $In.^2$		
Max. Circular Cross-Sectional (Boom)	12.75	1.629
Max. Circular Cross-Sectional (Boom Adapter)	240.5	2.405

TABLE III. MODEL DIMENSIONAL DATA (Continued)

REVISED: 12-9-76

MODEL COMPONENT: PROBE - PR7

GENERAL DESCRIPTION: Air data probe which is strut-mounted on either side of the orbiter nose. The probe has pitot-static pressure instrumentation and a non-instrumented temperature sensor mockup.

MODEL SCALE: 0.20

DRAWING NUMBER: SS-A01614, Rosemount 00856-1913, 00859-0109

DIMENSIONS: (Nominal Design Values)		FULL SCALE	MODEL SCALE
Length, (Probe tip to temp. sensor base), in.		10.99	2.198
Overall length, in.		14.35	2.870
Probe barrel diameter, in.		1.00	0.200
Overall height, in.		7.25	1.450
Probe tip to static pressure ports, in.		2.70	0.540
Height, TPS surface to probe $\mathcal{L}$, in.		5.00	0.500
Strut max. thickness, in.		0.65	0.130
Strut chord length, in.		4.50	0.900
Strut sweep angles (L.E. & T.E.), deg.		30.00	30.00
Probe barrel max. cross-sectional area, $in.^2$		0.7854	0.0314
Location of probe $\mathcal{L}$ and	X_o	291.67	29.167
Static port intersection: in.	Y_o	$\pm$ 53.18	$\pm$ 5.318
	Z_o	320.46	32.046

The centerline of the probe is at a -10^o incidence to the model Fuselage Reference Plane, as measured in a butt plane, with positive being nose-up. The probe $\mathcal{L}$ is positioned parallel to the forebody local OML.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

REVISED: 12-9-76

MODEL COMPONENT: PROBE - PR8

GENERAL DESCRIPTION: Air data probe which is strut-mounted on either side of the orbiter nose. The probe is instrumented with two flush taps for angle-of-attack indication. Temperature sensor is in mockup only.

MODEL SCALE: 0.2

DRAWING NUMBER: SS-A01614, Rosemount 00856-1913, 00859-0108

DIMENSIONS: (Nominal Design Values)		FULL SCALE	MODEL SCALE
Length, (Probe tip to Temp. sensor base), in.		10.99	2.198
Overall length, in.		14.35	2.870
Probe barrel diameter, in.		1.00	0.200
Overall height, in.		7.25	1.450
Height, TPS surface to probe ℄, in.		5.00	0.500
Strut max, thickness, in.		0.65	0.130
Strut chord length, in.		4.50	0.900
Strut sweep angles (L.E. & T.E.) deg.		30	30
Probe barrel max. cross-sectional area, $in.^2$		0.7854	0.0314
Location of a point 0.540 in. m.s. aft of probe tip on probe ℄:	X_o	291.67	29.167
	Y_o	± 53.18	± 5.318
	Z_o	320.46	32.046

The centerline of the probe is at a -10^o incidence to the model Fuselage Reference Plane, as measured in a butt plane, with positive being nose-up. The probe ℄ is positioned parallel to the forebody local OML.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: PROBE - PR_{14}

GENERAL DESCRIPTION: Air data probe which is strut-mounted on either side of the orbiter nose. The probe has compensated static pressure orifices and a non-instrumented temperature sensor mockup.

MODEL SCALE: 0.10

DRAWING NUMBER: Rosemount 00859-0149

DIMENSIONS: (Nominal Design Values)		FULL SCALE	MODEL SCALE
Length (Probe tip to temperature sensor base), in.		11.01	1.101
Overall length (including mounting base), in.		--	2.600
Probe barrel diameter, in.		1.00	0.100
Overall height (including mounting base), in.		--	1.350
Probe tip to static pressure ports, in.		2.70	0.270
Height, TPS surface to probe ℄, in.		5.00	0.500
Strut maximum thickness, in.		0.66	0.066
Strut chord length, in.		4.50	0.450
Strut sweep angles (L.E. & T.E.), deg.		30.00	30.00
Probe barrel maximum cross-sectional area, $in.^2$		0.7854	0.00785
Location of probe ℄ and static port intersection:	X_o	291.67	29.167
	Y_o	$\pm$ 53.18	$\pm$ 5.318
	Z_o	320.46	32.046

The ℄ of the probe is at a -10^o incidence to the model FRP, as measured in a butt plane (positive is nose-up). The probe ℄ is positioned parallel to the forebody local OML.

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: VENT - VT_{18}

GENERAL DESCRIPTION: Oval-shaped RCS vents in orbiter 102 forebody. One vent on each side.

MODEL SCALE: 0.10

DRAWING NUMBER: SS-A01733

DIMENSIONS:		FULL SCALE	MODEL SCALE
Length, in.		4.90	0.49
Max. width, in.		4.00	0.40
Max. Depth, in.		6.20	0.62
Area			
Max. Cross-Sectional, $in.^2$		16.17	0.1617
Center of vent, in.	X_o	384.80	38.48
	Z_o	371.40	37.14

TABLE III. MODEL DIMENSIONAL DATA (Concluded)

MODEL COMPONENT: VENT - VT_{19}

GENERAL DESCRIPTION: Oval-shaped cabin vents in orbiter 102 forebody. One vent on each side.

MODEL SCALE: 0.10

DRAWING NUMBER: SS-A01733

DIMENSIONS:		FULL SCALE	MODEL SCALE
Length, in.		9.60	0.96
Max. width, in.		4.00	0.40
Max. depth, in.		6.20	0.62
Area			
Max. cross-sectional, $in.^2$		34.97	0.3497
Center of vent, in.	X_o	398.60	39.86
	Z_o	374.50	37.45

TABLE IV. PRESSURE TAP LOCATIONS

* Tap coordinates are actual measured values;
all others are nominal design values.

TAP NUMBER	TYPE	MODEL SCALE, INCHES		
		X_o	Y_o L- R+	Z_o
1 *	Flush ADS and SEADS	23.586	-0.006	33.764
2	Flush ADS	27.60	0.00	30.286
3 *	↓	27.607	-4.053	32.613
4 *		27.590	4.104	32.602
5 *		27.608	-4.088	33.358
6 *		27.597	4.137	33.384
7 *		27.599	-4.041	34.101
8 *		27.592	4.083	34.112
9 *		27.590	0.005	37.977
10 *		29.606	-0.012	29.659
11 *		29.618	-4.985	32.985
12 *		29.589	5.026	32.978
13 *		29.612	-4.975	33.446
14 *		29.589	5.022	33.439
15 *		29.606	-4.943	34.328
16 *		29.588	4.987	34.331
17 *		29.202	-0.014	38.812
19 *		33.601	-6.331	33.694
20 *		33.595	6.388	33.694
21 *		37.600	-7.460	34.056
22 *		37.607	7.512	34.055
23		41.60	-8.423	34.56
24		41.60	+8.423	34.56
25		45.60	-9.235	35.75
26		45.60	+9.235	35.75
27	RCS	32.728	-1.465	39.296
28	↓	32.728	0.0	39.445
29		32.728	1.465	39.296
30		35.093	-1.439	39.959
31		35.092	0.0	40.082
32		35.093	1.439	39.959
33		32.435	-5.383	35.790
34		32.435	5.383	35.790
35		33.384	-4.981	37.235

TABLE IV. PRESSURE TAP LOCATIONS (Continued)

* Tap coordinates are actual measured values; all others are nominal design values.

TAP NUMBER	TYPE	MODEL SCALE, INCHES		
		X_o	Y_o L- R+	Z_o
36	RCS	33.384	4.981	37.235
37	↓	34.844	-5.484	37.356
38		34.844	5.484	37.356
39		36.471	-5.858	35.925
40		36.471	5.858	35.925
41		36.267	-5.563	37.373
42		36.267	5.563	37.373
43 *	OML @ probe static port	29.168	-4.677	32.065
44 *	↓	29.163	4.732	32.042
46 *	SEADS	23.609	0.0	33.471
47 *		23.704	0.0	33.086
48 *		23.895	0.0	32.686
49 *		24.199	0.0	32.269
50 *		24.693	0.0	31.787
51 *		23.641	0.409	33.535
52 *		23.631	0.399	33.546
53 *		23.917	1.149	33.535
54 *		23.879	1.135	33.535
55 *		23.906	0.686	32.840
56 *		23.896	0.678	32.840
57 *		24.215	1.012	32.517
58 *		24.185	1.013	32.522
67	Flush ADS	45.60	-9.238	33.50
68	↓	45.60	+9.238	33.50
69	Canopy	60.20	-9.03	46.30
70	↓	60.20	9.03	46.30
71		60.20	-8.02	47.32
72		60.20	8.02	47.32
73		60.20	-6.90	48.17
74		60.20	6.90	48.17
75		63.20	-8.34	47.00
76		63.20	8.34	47.00
77		63.20	-7.67	47.61
78		63.20	7.67	47.61

TABLE IV. PRESSURE TAP LOCATIONS (Continued)

TAP NUMBER	TYPE	MODEL SCALE, INCHES		
		X_o	Y_o L- R+	Z_o
79	Canopy	66.20	-9.03	46.30
80		66.20	9.03	46.30
81		66.20	-8.02	47.32
82		66.20	8.02	47.32
83		66.20	-6.90	48.17
84		66.20	6.90	48.17
85	Flush ADS	26.71	-3.33	33.24
86		26.71	3.33	33.24
87		27.60	-3.10	31.06
88		27.60	3.10	31.06
89		39.20	-3.10	28.41
90		39.20	3.10	28.41
91		39.20	0.0	28.24
92u		26.71	0.0	37.34
92L		26.71	0.0	30.63
93		29.93	0.0	29.60
94		26.93	0.47	30.92
95		36.74	0.59	28.72
111		53.70	-10.420	37.40
112		53.70	+10.420	37.40
113		60.20	-10.571	40.50
114		60.20	+10.571	40.50
115		60.20	-10.562	34.56
116		60.20	+10.562	34.56
117		63.20	-10.573	43.50
118		63.20	+10.573	43.50
119		63.20	-10.569	38.00
120		63.20	+10.569	38.00
121		66.20	-10.575	40.50
122		66.20	+10.575	40.50
123	DFI	26.821	-3.653	32.724
124		26.821	+3.653	32.724
125		38.986	-7.815	37.163

TABLE IV. PRESSURE TAP LOCATIONS (Concluded)

TAP NUMBER	TYPE	MODEL SCALE, INCHES		
		X_o	Y_o L- R+	Z_o
126	DFI	38.986	+7.815	37.163
127	↓	26.885	-0.307	37.590
128		42.273	-0.183	44.412
129		55.350	0.0	50.036
130		26.802	-0.486	30.609
131		49.285	-0.952	27.725
132		62.192	0.0	27.432

TABLE V. SUMMARY OF FLOW ANGLE CORRECTIONS

M_∞	UPFLOW $\Delta\alpha$ (DEGREES	CROSSFLOW $\Delta\beta$ (DEGREES)
0.2	+0.20	+0.11
0.25	0	+0.05
0.4	+0.05	+0.08
0.6	+0.06	-0.03
0.7	+0.06	0
0.8	0	+0.05
0.85	0	+0.11
0.9	0	+0.08
0.95	0	+0.03
0.98	0	+0.07
1.05	0	-0.02
1.10	+0.5	+0.04
1.15	+0.5	+0.06
1.20	0	+0.05
1.20 to 1.30	0	interpolate
1.30	0	0
1.30 to 1.40	interpolate	interpolate
1.4	-0.05	-0.07
1.55	+0.08	-0.13

$$\alpha = \alpha_i + \Delta\alpha$$
$$\beta = \beta_i + \Delta\beta$$

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

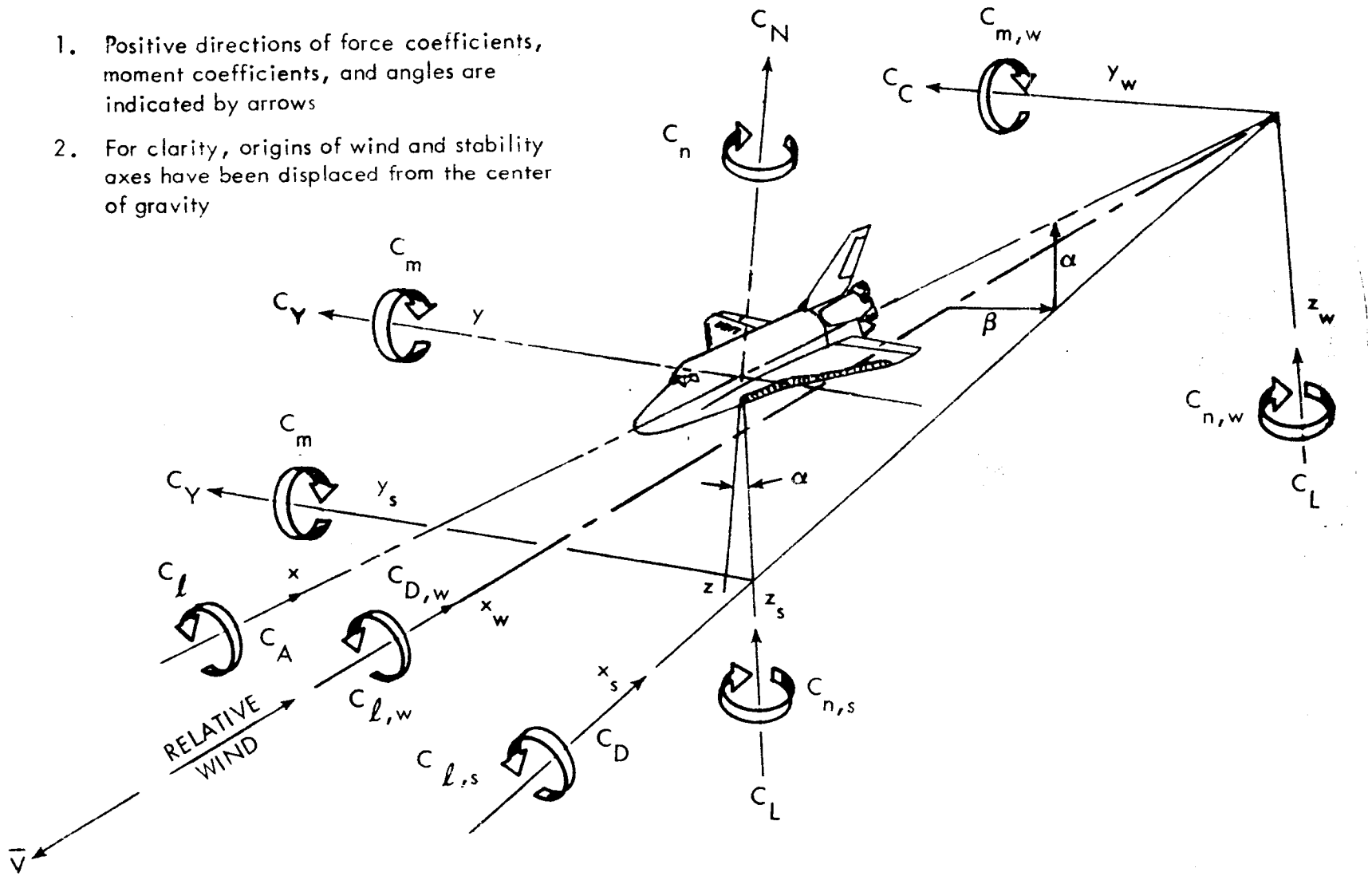
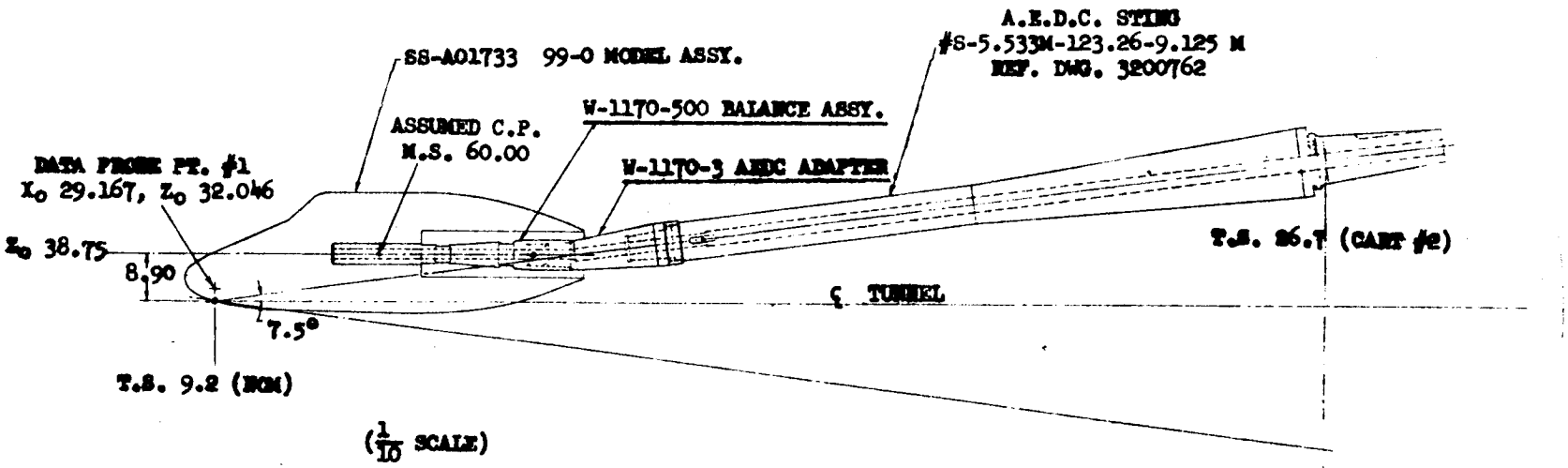


Figure 1. Axis systems.



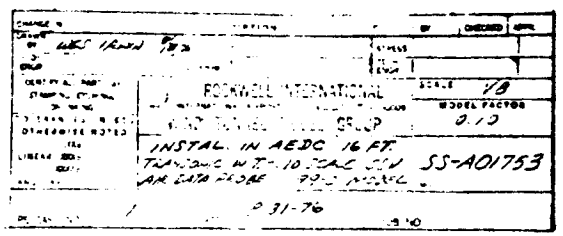


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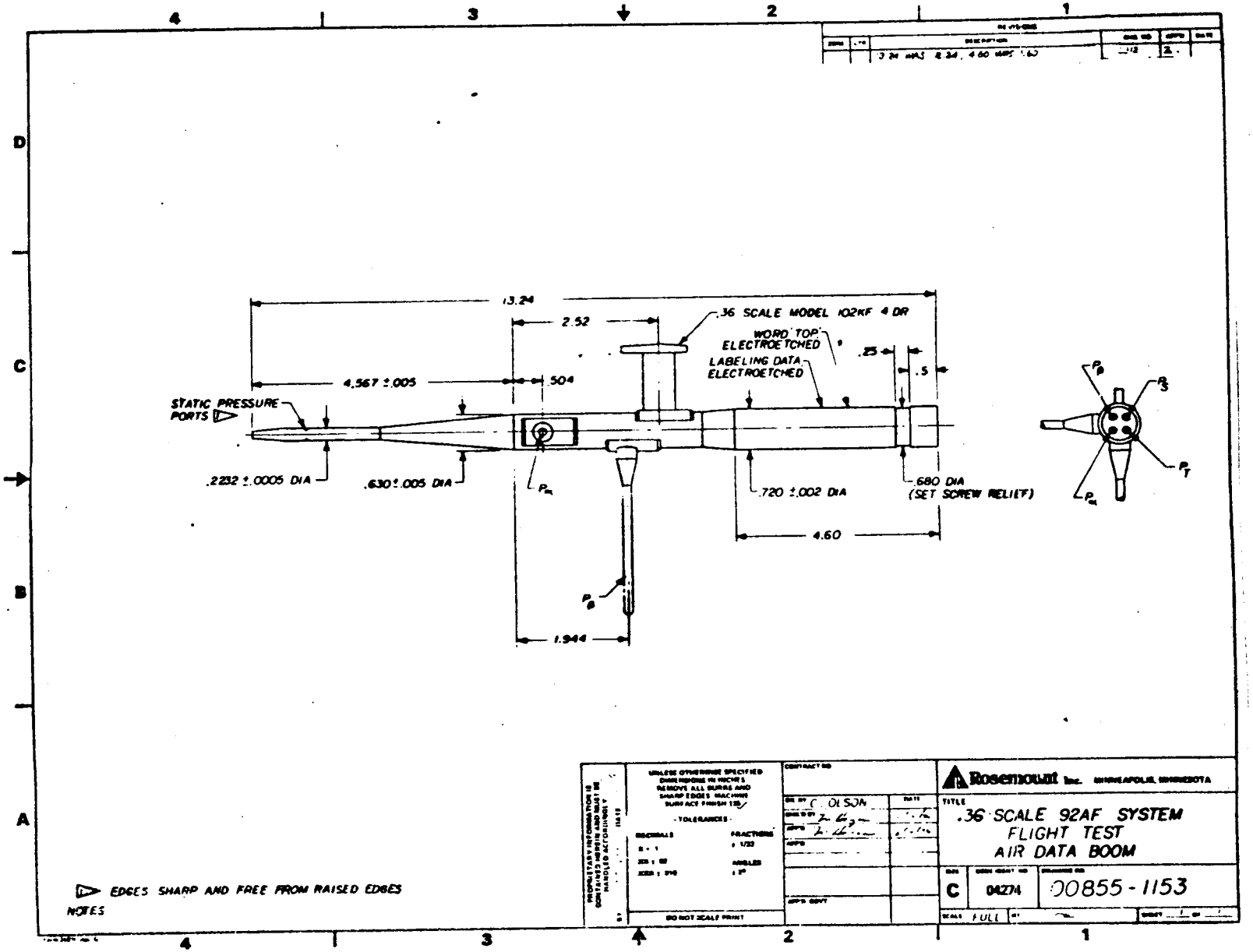
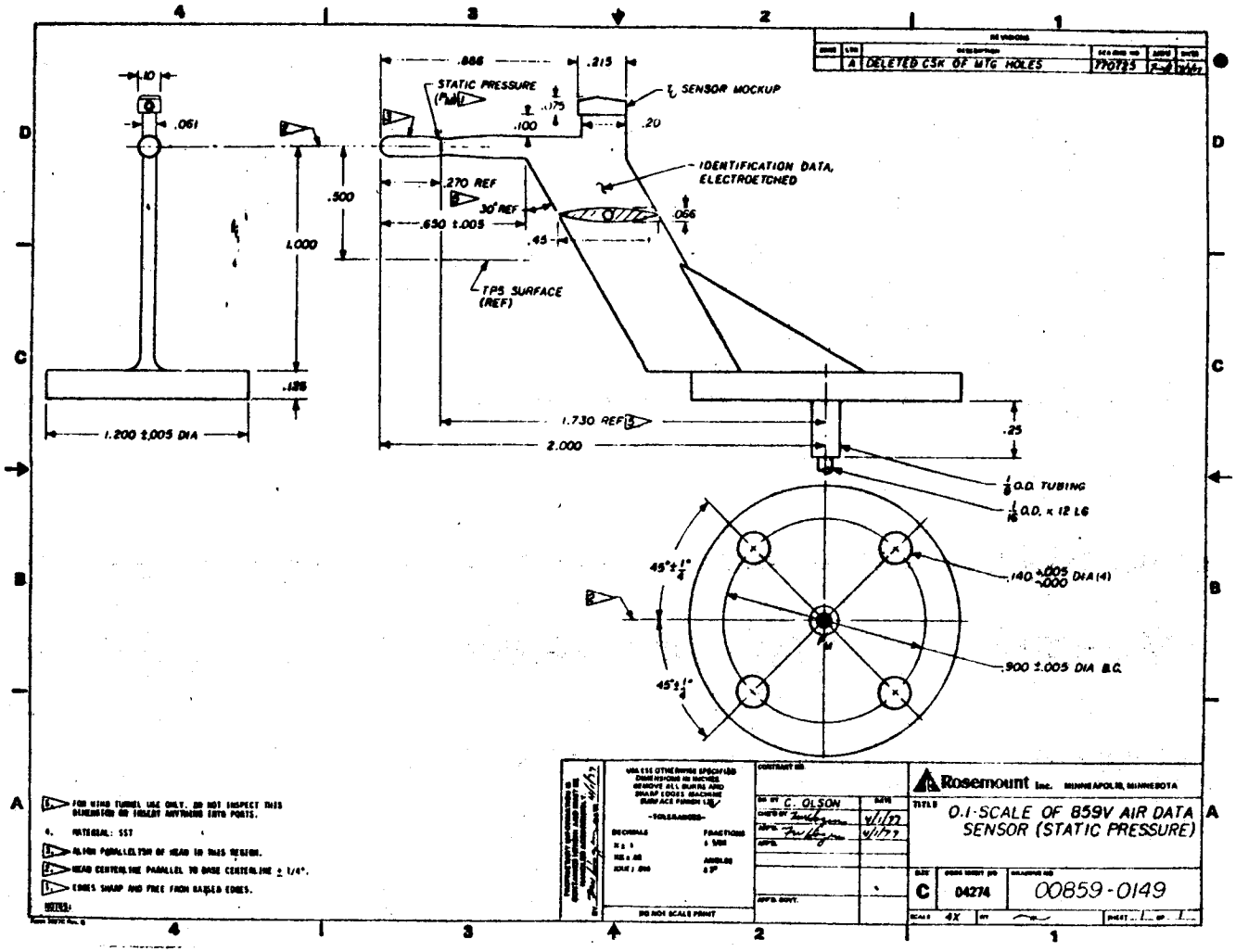
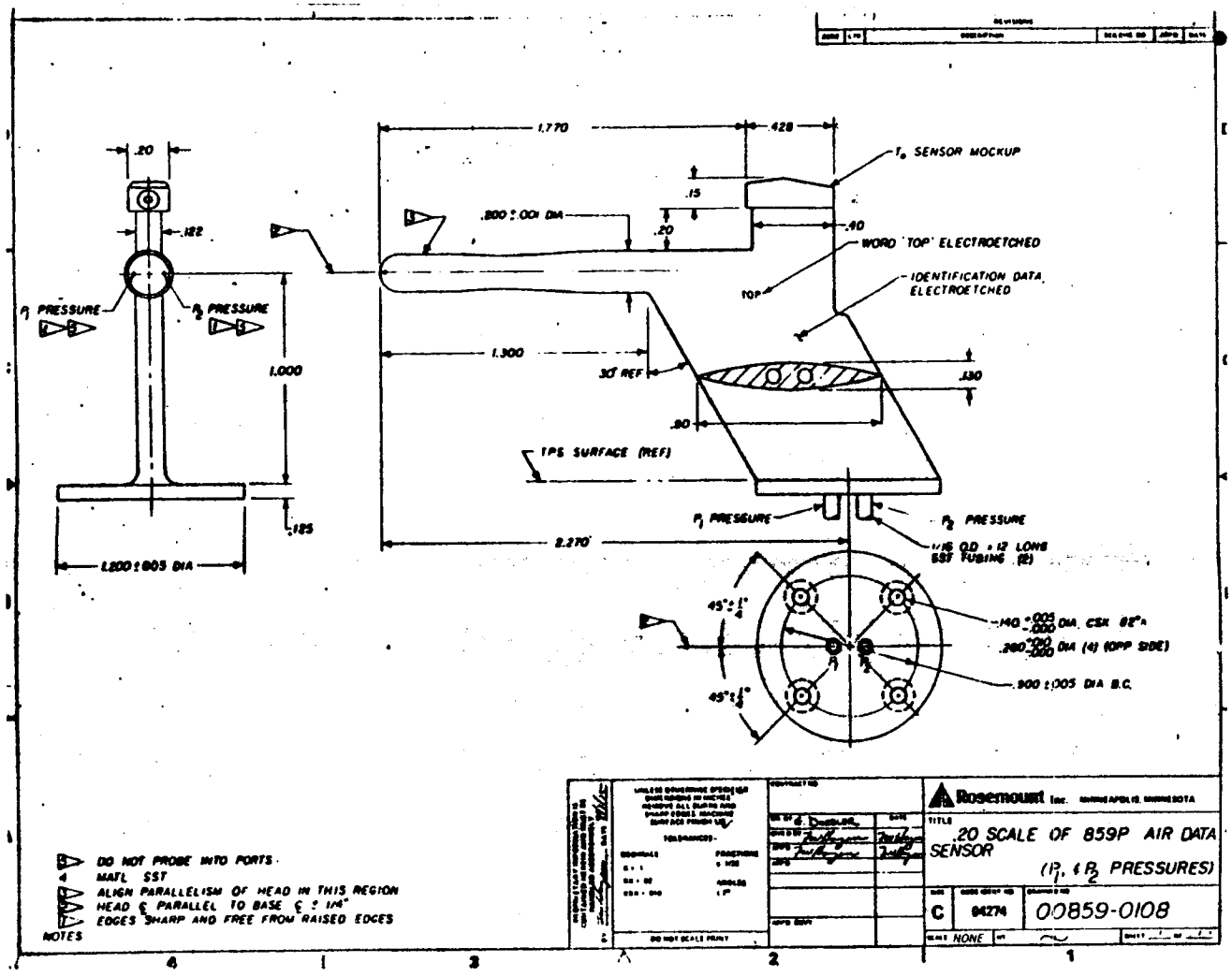
Figure 2. Model sketches.



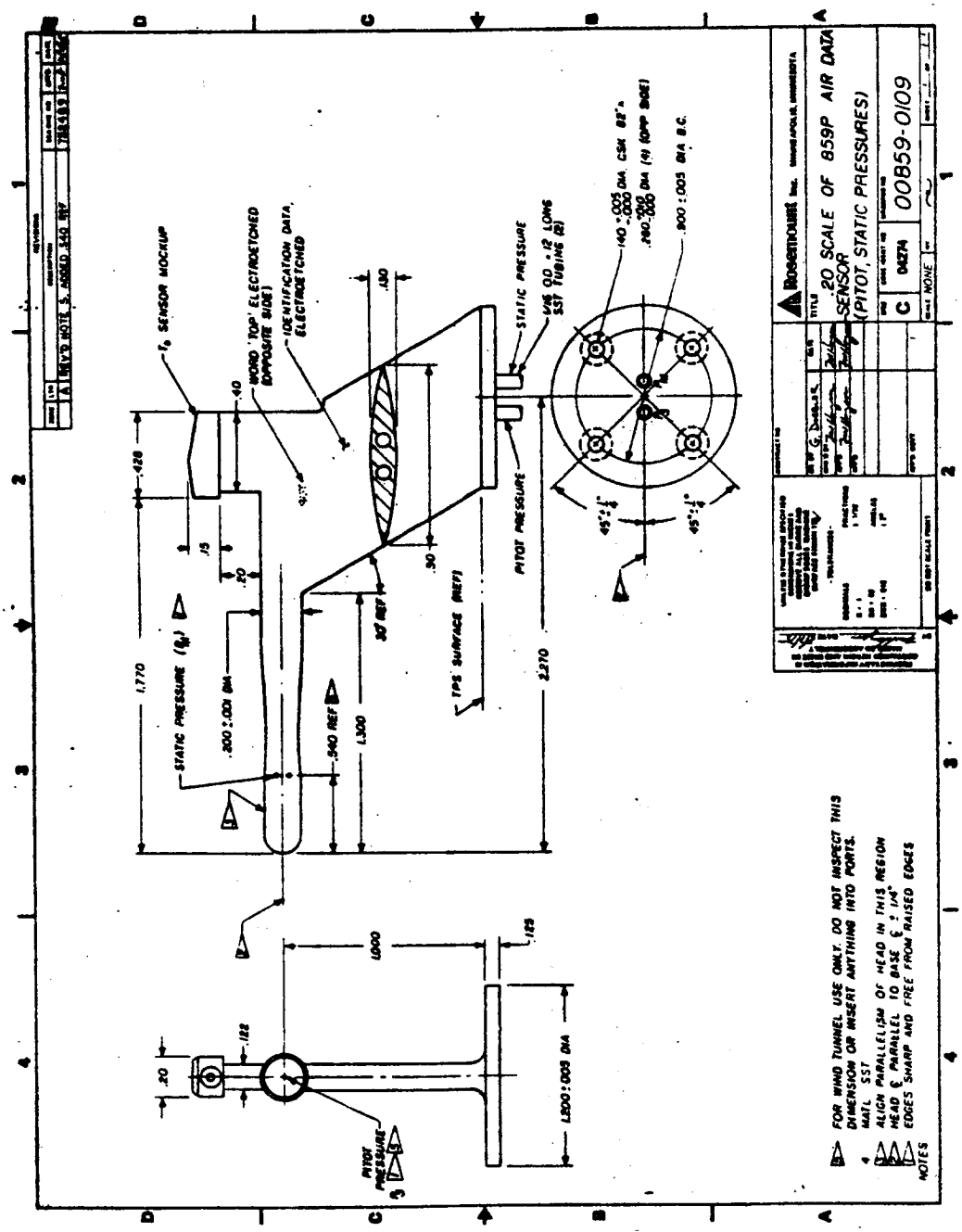
b. 0.36-Scale 92AF Flight Test Air Data Boom
Figure 2. Continued.



c. 0.10-Scale of 859V Air Data Sensor
Figure 3. Continued.

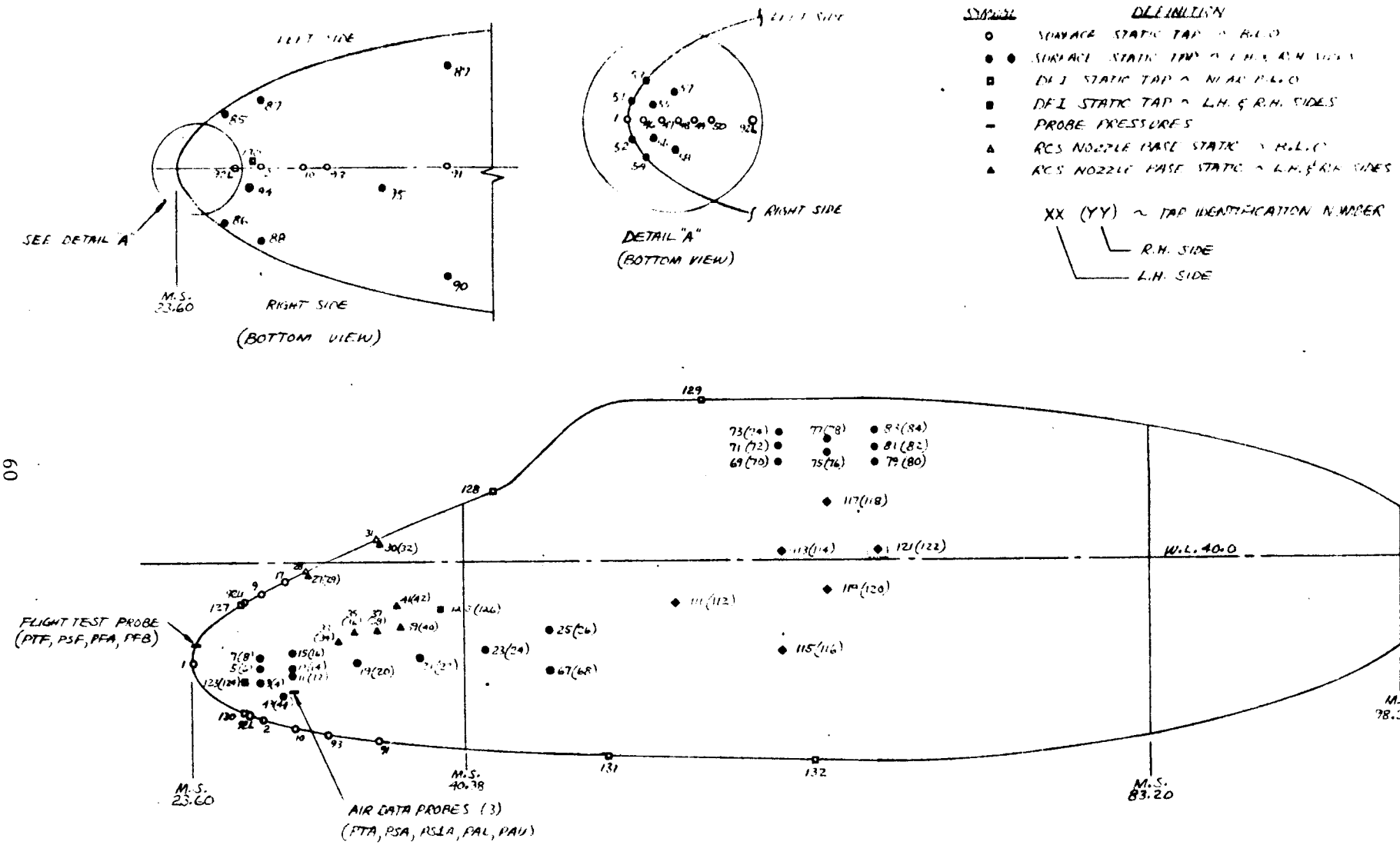


4. 0.20-Scale of 859P Air Data Sensor (Angle of Attack)
Figure 2. Continued.



e. 0.20-scale of 859P Air Data Sensor (Pitot/Static Pressures).

Figure 2. Continued.



f. Pressure Tap Number Assignments
Figure 2. Continued.

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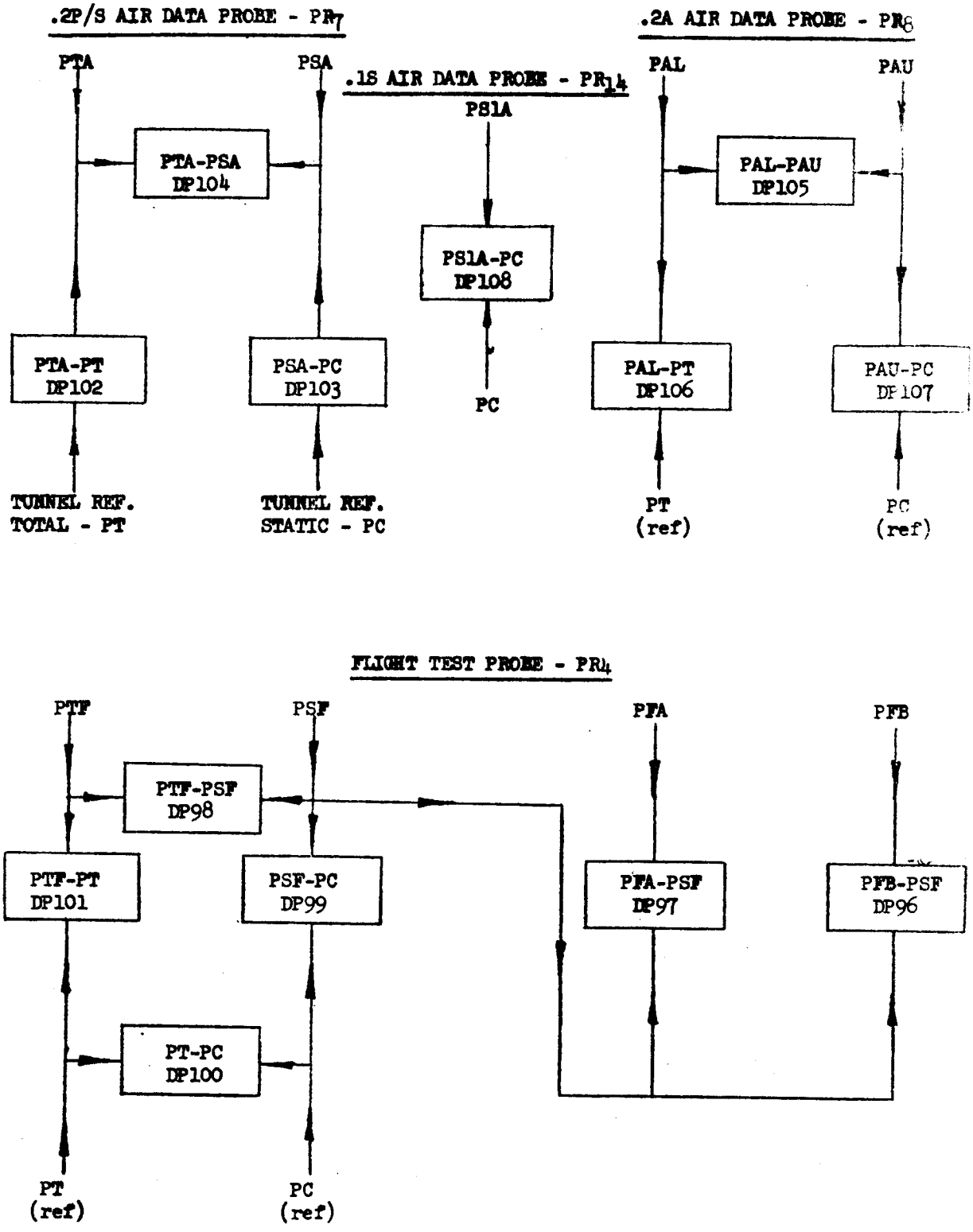

g. Air Data System Pressure Schematic
Figure C. Concluded.

a. Model 99-0 Installation in 16-T PWT (Configuration #3)

Figure 3. Model photographs.

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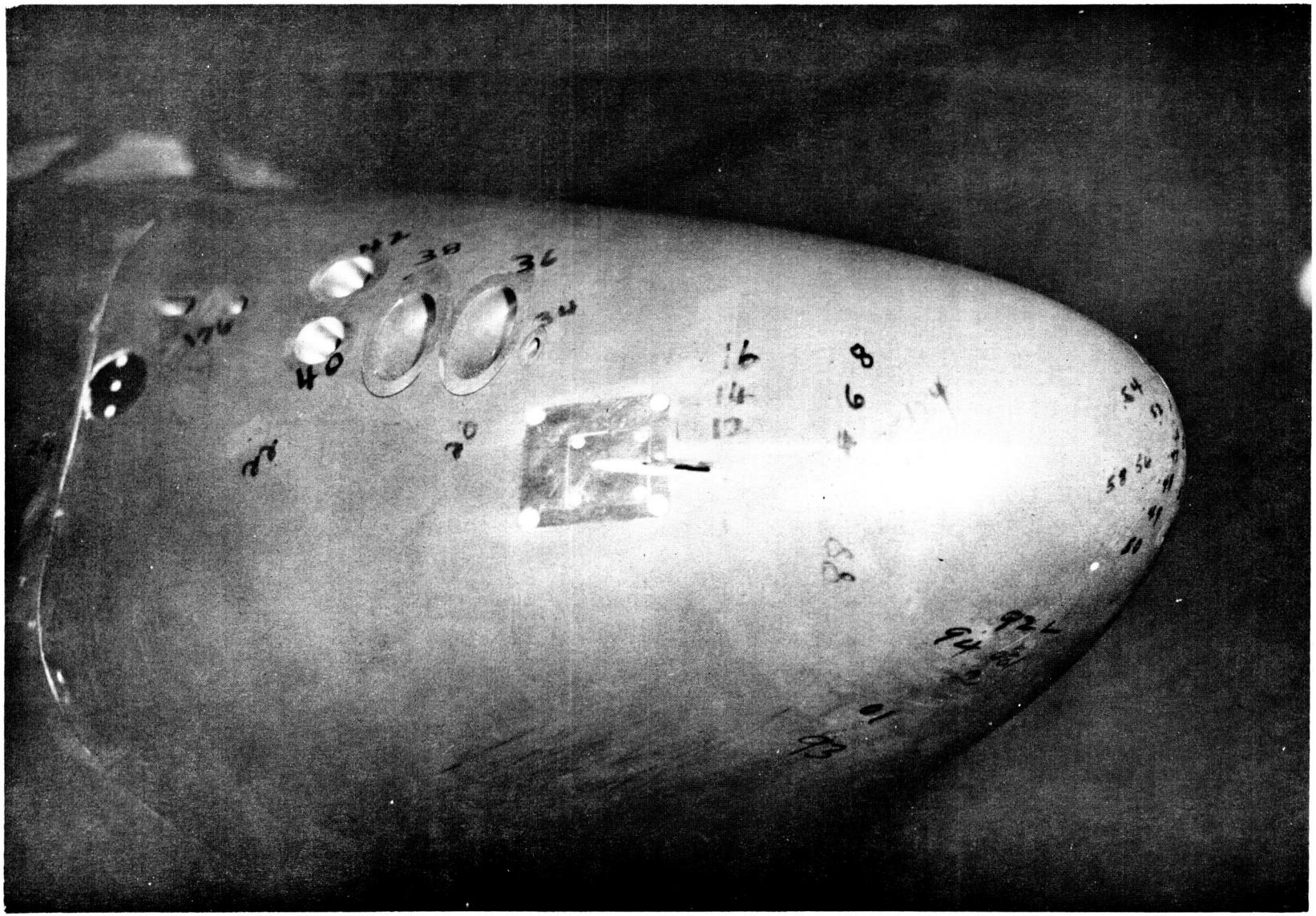
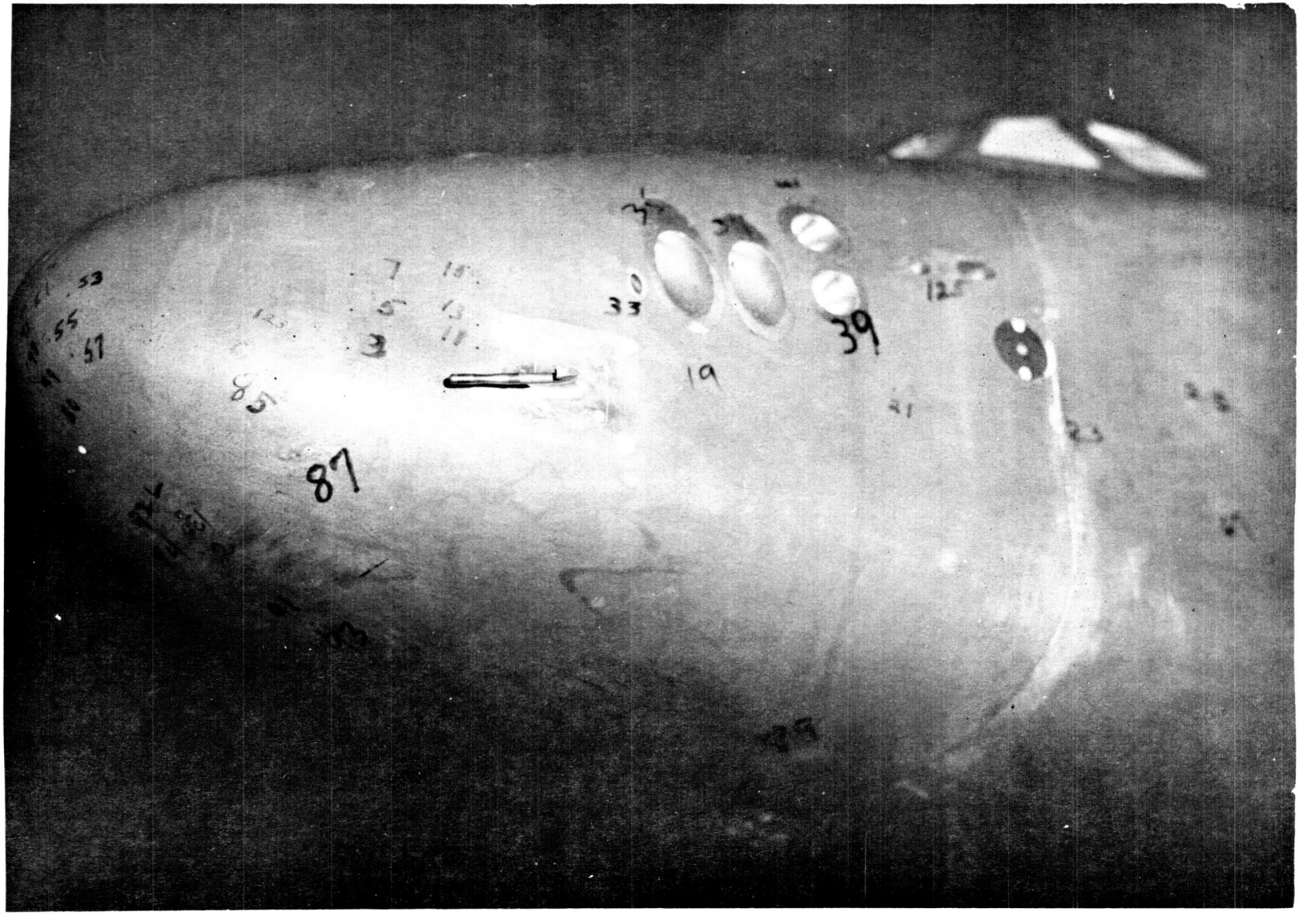


b. Right Side of Forebody with 0.1-Scale Static Probe Mounted in RFN Block
Figure 3. Continued.



c. Left Side of Forebody with 0.2-Scale P/S Mounted in LA Block
Figure 3. Continued.

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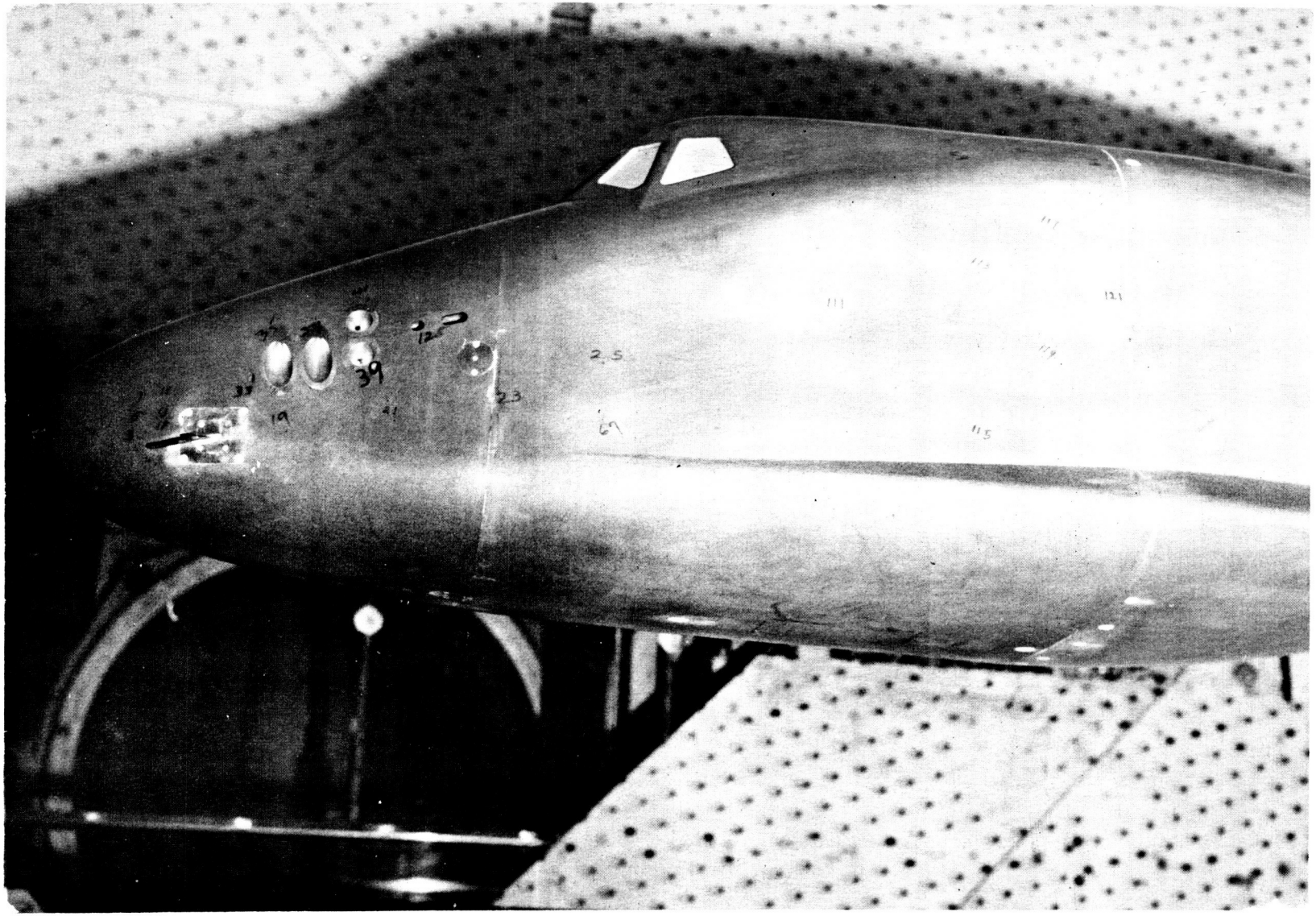
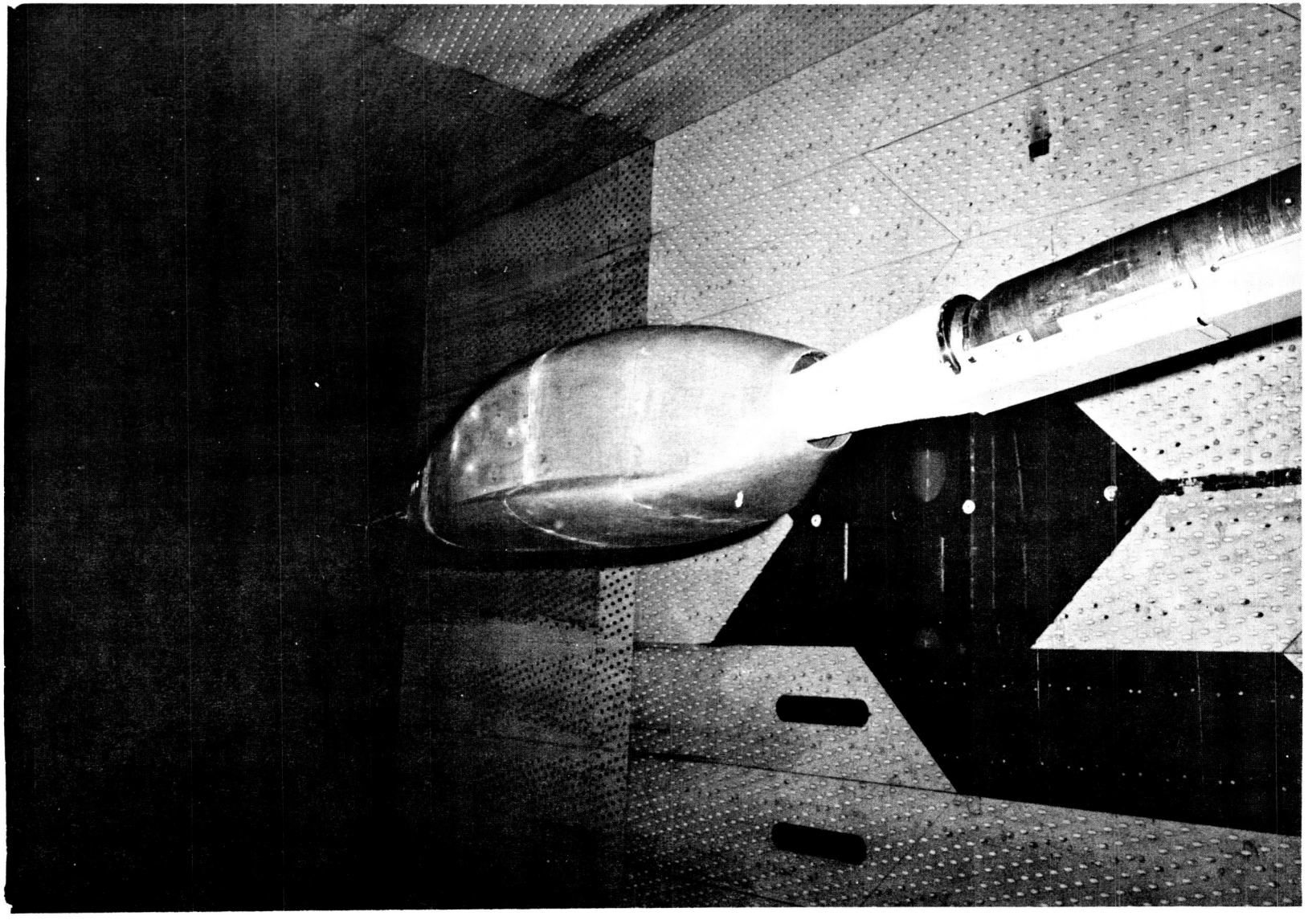


d. Left Side of Forebody Showing DFI, RCS, and Canopy Pressure Instrumentation
Figure 3. Continued.



e. Aft View of 99-0 Boattail Fairing and Sting Mount
Figure 3. Continued.

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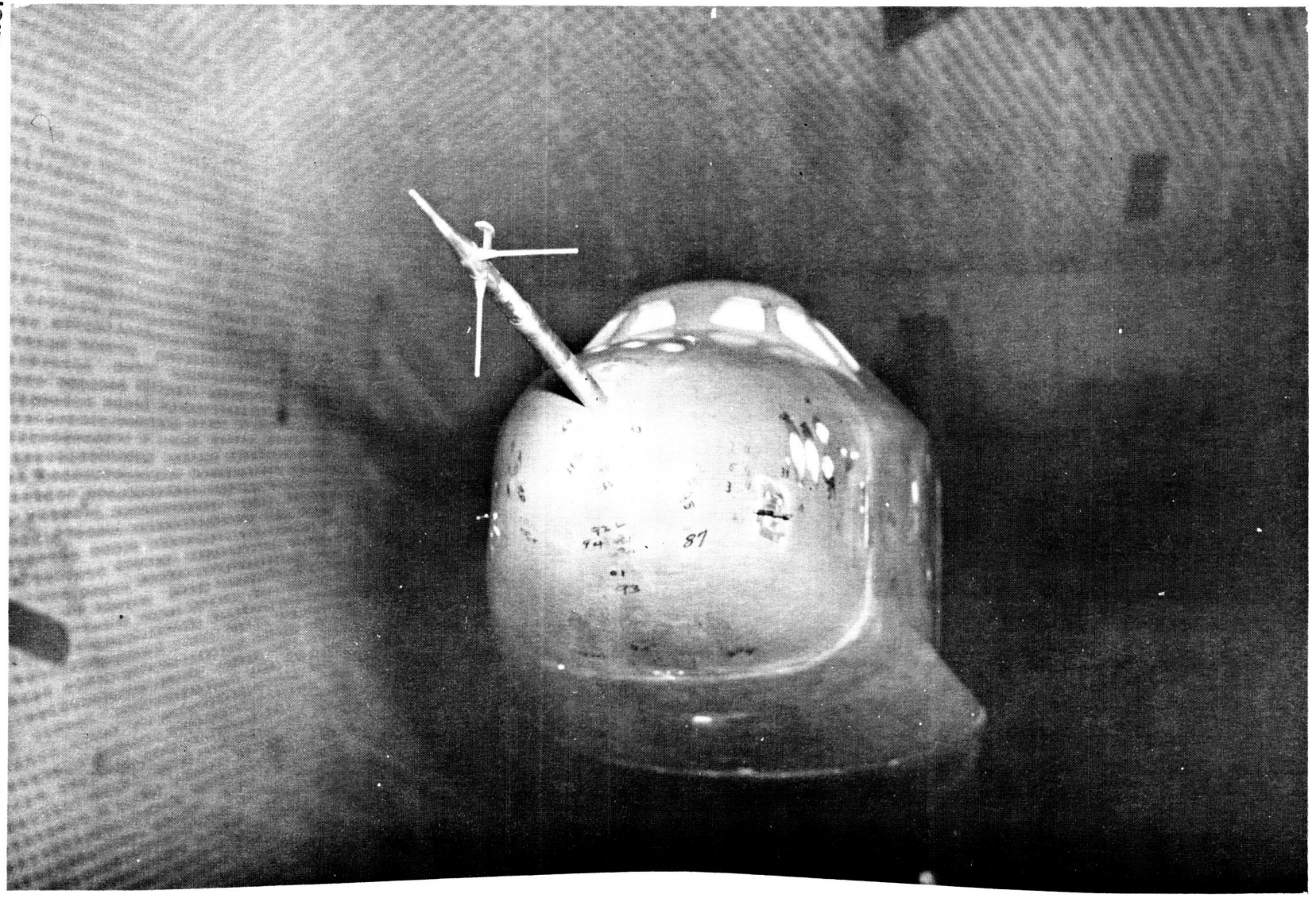
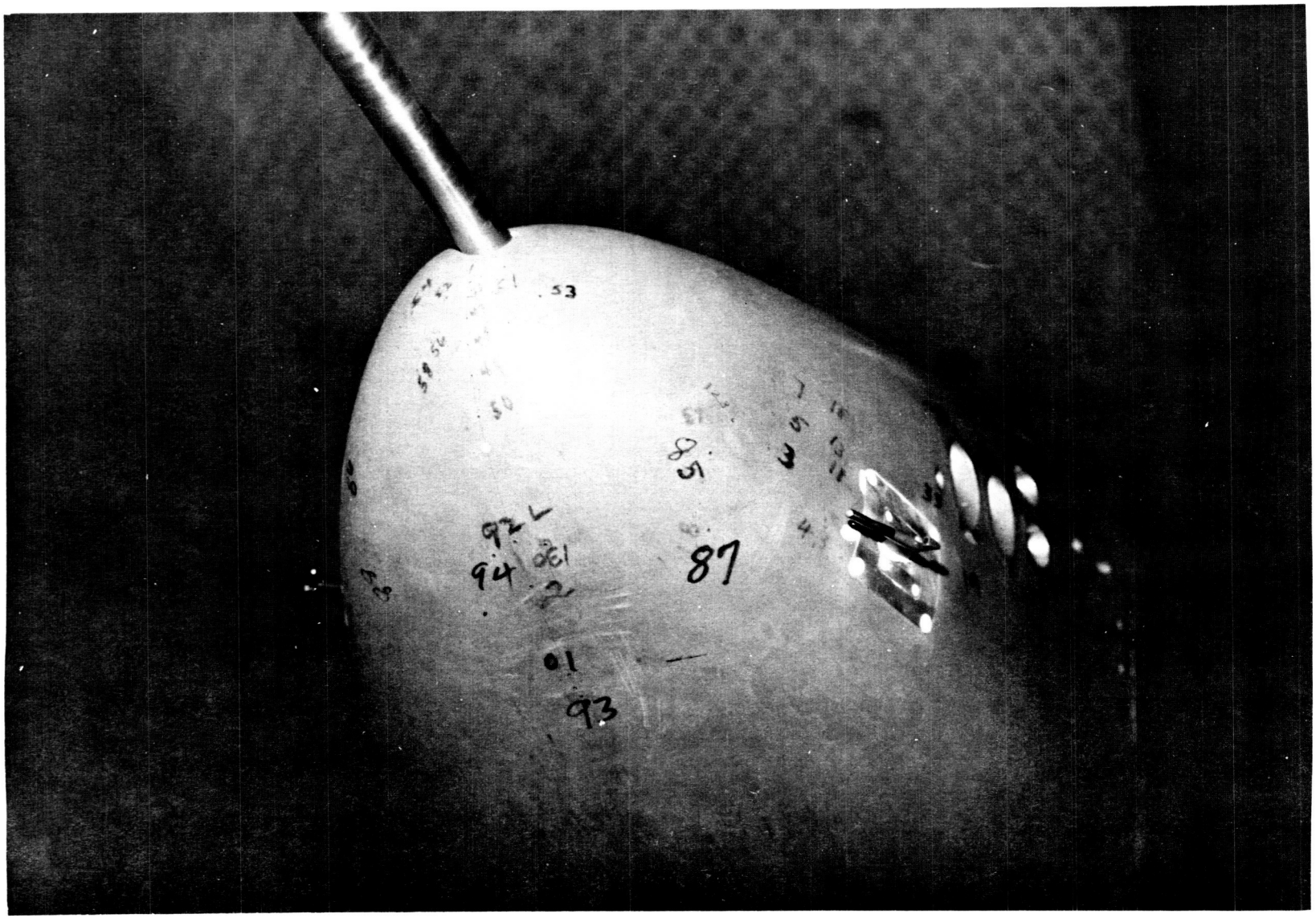
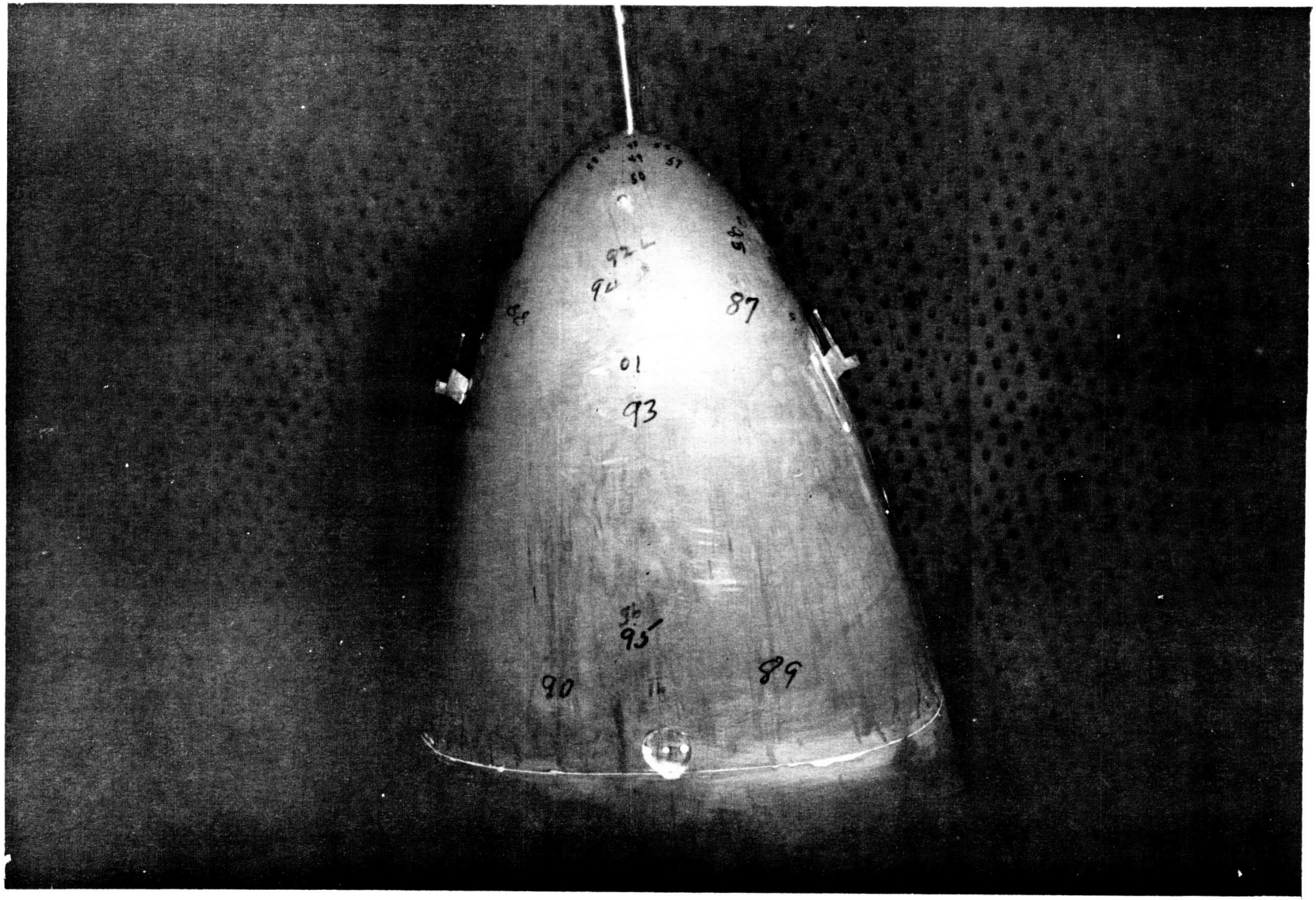


f. Model 99-0 with Flight Test (FT) Probe Installed as Configuration #5
Figure 3. Continued.



g. Bottom View of Forebody Nose Showing SEADS Pressure Taps
Figure 3. Continued.



h. Bottom View of Forebody Nose Showing the S-Band FM Antenna Fairing Just Aft of the Nose on Centerline
Figure 3. Concluded.

DATA FIGURES

APPENDIX

TABULATED SOURCE DATA

Tabulations of plotted data are available on request from Data Management Services

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OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (AVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.202	-3.800	.12342	-.03454	.51436	-.81964	.92556	-3.78244	-29.29480	.51436	3404.00000	96.81690
.200	-1.769	.11931	.01809	.62750	-.65519	.89576	-3.05778	-26.78680	.62750	3399.48001	94.97160
.200	.186	.11558	.07472	.70249	-.50839	.81538	-2.41127	-23.37800	.70249	3403.92001	95.61280
.200	2.183	.11190	.12464	.77933	-.41153	.75749	-1.92797	-19.92150	.77933	3404.45001	95.29070
.201	4.203	.10783	.15756	.91166	-.29397	.63703	-1.25789	-13.89390	.91166	3405.01001	95.92380
.200	6.211	.10813	.16726	.96007	-.17880	.52829	-.90038	-10.19110	.96007	3405.42001	95.22780
.200	8.188	.10780	.17691	.99194	-.04019	.42530	-.58231	-6.69083	.99194	3399.89001	95.44910
.200	10.192	.11433	.17871	1.00926	.09324	.29368	-.24569	-2.84848	1.00926	3405.94000	95.20670
.200	12.199	.10878	.18263	1.01305	.20996	.17729	.03986	.46247	1.01305	3401.59000	95.05350
.200	14.190	.11150	.15284	1.00545	.32591	.04953	.33799	3.91051	1.00545	3406.79001	95.06090
.200	16.206	.11339	.14906	.98642	.44699	-.10043	.67321	7.70572	.98642	3401.26999	94.78370
.199	18.545	.11660	.11442	.93379	.58303	-.27120	1.09818	12.27290	.93379	3409.01999	94.63370
	GRADIENT	-.00193	.02458	.04745	.06489	-.03584	.30963	1.88783	.04745	.34746	-.07400

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.250	-3.994	.04844	-.01521	.51873	-.81251	.97902	-4.11401	-30.22960	.51873	2284.51001	100.20800
.251	-1.991	.04767	.02875	.63264	-.66211	.91635	-3.12245	-27.05780	.63264	2282.79001	100.81500
.251	-.002	.04780	.09370	.72062	-.48528	.85609	-2.50624	-23.96400	.72062	2288.00000	100.60500
.252	2.006	.04717	.13457	.79964	-.36805	.76806	-1.89468	-19.65460	.79964	2286.57001	101.31300
.252	4.003	.04770	.16543	.91854	-.26679	.66744	-1.30076	-14.21770	.91854	2286.79001	101.39400
.252	6.015	.04789	.17532	.96841	-.14180	.56276	-.92958	-10.20380	.96841	2282.56000	101.51300
.252	8.011	.04951	.19507	1.00115	-.00099	.44822	-.57773	-6.63935	1.00115	2281.70999	101.75500
.249	10.215	.10299	.18853	1.01412	.12137	.31830	-.24794	-2.87441	1.01412	2290.64999	99.30050
.248	12.197	.09944	.20086	1.01842	.23455	.21447	.02529	.29325	1.01842	2288.31000	98.76210
.248	14.193	.09332	.17055	1.01407	.34287	.07968	.32784	3.79393	1.01407	2288.54001	98.92430
.248	16.215	.12333	.14980	.99285	.46804	-.06437	.67308	7.70430	.99285	2287.10999	98.66000
.248	18.193	.09355	.13338	.95428	.57846	-.20756	1.02237	11.48410	.95428	2288.10001	98.86330
.248	18.546	.09286	.13513	.94477	.58925	-.22560	1.06803	11.96070	.94477	2288.63000	98.83330
	GRADIENT	-.00010	.02346	.04835	.06930	-.03859	.34284	1.96220	.04835	.41659	.14363

ORIGINAL PAGE IS OF POOR QUALITY

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (AVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.398	-3.921	.09254	-.00357	.55313	-.81841	.96754	-3.73187	-29.14800	.55313	1790.42000	198.30900
.399	-1.992	.08904	.03356	.66361	-.66094	.92635	-2.98978	-26.48930	.66361	1656.06000	184.75700
.400	.004	.08506	.08392	.74797	-.49299	.86220	-2.40553	-23.34160	.74797	1655.48000	185.66400
.401	1.955	.08228	.13063	.80493	-.38505	.78855	-1.94569	-20.06210	.80493	1655.12000	186.36400
.402	4.038	.07868	.17547	.94752	-.26949	.69131	-1.30436	-14.35320	.94752	1652.42999	186.62300
.402	6.021	.07456	.18097	.99488	-.15140	.58400	-.94456	-10.66360	.99488	1656.37000	187.34000
.402	8.027	.07702	.18488	1.02572	-.01346	.45886	-.58818	-6.75675	1.02572	1655.24001	187.45600
.402	10.060	.07771	.19387	1.03962	.11564	.33996	-.27631	-3.20180	1.03962	1654.99001	187.68200
.403	12.046	.07004	.19776	1.04241	.23354	.22823	.00654	.07549	1.04241	1654.20000	188.03700
.403	14.047	.06997	.17941	1.03906	.35805	.09617	.32254	3.73296	1.03906	1654.06000	188.44400
.404	16.044	.06871	.15650	1.02052	.47697	-.06785	.66771	7.64457	1.02052	1654.20000	189.06100
.404	18.457	.06756	.13513	.97209	.61514	-.22083	1.07875	12.07200	.97209	1653.14999	189.00700
	GRADIENT	-.00173	.02291	.04686	.06909	-.03480	.29684	1.81634	.04686	-13.82194	-1.08345

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.600	-3.926	-.04180	.02671	.62397	-.79776	1.02464	-3.56962	-28.65750	.62397	1253.69000	316.44300
.600	-1.919	-.04183	.05707	.72242	-.65964	.96965	-2.87144	-25.93930	.72242	1252.61000	315.64700
.600	.047	-.02173	.09108	.81054	-.47543	.89557	-2.28321	-22.53930	.81054	1254.70000	315.95300
.600	2.062	-.04339	.13992	.87411	-.34425	.82184	-1.83545	-19.17080	.87411	1251.91000	315.88700
.600	4.067	-.02457	.18358	1.00326	-.24347	.72522	-1.27060	-14.02010	1.00326	1253.11000	315.65800
.601	6.039	-.03523	.20114	1.04853	-.11591	.61724	-.91889	-10.38950	1.04853	1253.47000	317.38000
.602	8.092	-.03356	.20063	1.07770	.02090	.48995	-.57043	-6.55717	1.07770	1252.08000	317.34700
.599	10.057	-.03304	.21470	1.09241	.14427	.38283	-.28782	-3.33444	1.09241	1252.73000	315.13500
.600	12.033	-.02579	.21709	1.09439	.26813	.27389	-.00700	-.08181	1.09439	1250.34000	314.99400
.599	14.076	-.01852	.20369	1.09188	.39259	.15010	.29552	3.42214	1.09188	1252.55000	314.10200
.598	16.041	-.04037	.18359	1.07682	.51039	.02006	.60416	6.93475	1.07682	1251.78000	312.88400
.599	18.555	-.03640	.15556	1.03045	.64861	-.17534	1.03796	11.64740	1.03045	1255.22000	315.10700
	GRADIENT	.00164	.01987	.04559	.07129	-.03740	.28214	1.80547	.04559	-.09401	-.06674

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (AVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.698	-4.032	.02723	.05076	.67446	-.76057	1.05491	-3.44307	-28.24720	.67446	1042.61000	355.15600
.700	-1.862	-.01281	.07912	.75790	-.64988	.99899	-2.82660	-25.71980	.75790	1040.28000	356.67800
.702	.106	-.01359	.10970	.84464	-.46255	.92506	-2.26222	-22.39650	.84464	1039.83000	359.07600
.702	2.124	.00724	.15600	.92653	-.30027	.85036	-1.76618	-18.59060	.92653	1039.14999	358.32500
.702	4.128	-.01371	.20097	1.04465	-.18805	.75942	-1.24837	-13.79910	1.04465	1041.02000	359.44500
.702	6.109	.00084	.22315	1.08787	-.07058	.65865	-.91862	-10.38660	1.08787	1037.56000	357.94000
.701	8.109	-.00470	.22353	1.11457	.05800	.53658	-.58557	-6.72746	1.11457	1040.05000	358.03900
.701	10.053	-.00545	.23041	1.12716	.17566	.42439	-.30071	-3.48287	1.12716	1042.23000	358.52800
.700	12.059	.00385	.23486	1.12939	.29791	.31363	-.01909	-.22222	1.12939	1040.28000	356.83900
.698	14.072	-.00970	.21890	1.12678	.42087	.17983	.29167	3.37774	1.12678	1044.96001	356.86200
.697	16.054	-.00664	.20407	1.11237	.54067	.04734	.60283	6.91984	1.11237	1044.00999	354.96800
.700	18.597	-.00415	.18340	1.07227	.68046	-.12659	1.01472	11.40380	1.07227	1041.77000	356.89800
	GRADIENT	-.00311	.01855	.04473	.07353	-.03637	.26846	1.77114	.04473	-.21641	.50478

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.797	-4.033	.03576	.08658	.74839	-.66411	1.07797	-3.21736	-27.43540	.74839	884.44300	393.49600
.800	-1.961	.03773	.10592	.80119	-.61123	1.03125	-2.77831	-25.47640	.80119	884.88500	396.08400
.801	.024	.03749	.13563	.87479	-.44598	.97008	-2.31102	-22.72620	.87479	882.78900	396.10300
.802	1.998	.03620	.17628	.94902	-.27012	.89480	-1.82971	-19.12320	.94902	879.50800	395.59500
.799	4.038	.05047	.23108	1.08988	-.14293	.80376	-1.24652	-13.75080	1.08988	879.95800	393.29200
.799	5.997	.05202	.25226	1.12983	-.01633	.70152	-.91185	-10.31420	1.12983	879.15900	393.31700
.799	8.010	.04222	.25423	1.15624	.10669	.60281	-.61899	-7.10225	1.15624	879.66800	392.82200
.799	10.015	.04615	.25305	1.16847	.22433	.48560	-.32117	-3.71828	1.16847	882.52000	394.73200
.798	11.997	.05414	.26120	1.17109	.34424	.37024	-.03194	-.37144	1.17109	883.13600	393.94200
.799	14.004	.03374	.25525	1.16952	.46460	.25833	.25527	2.95801	1.16952	881.83900	393.93700
.799	15.993	.04293	.23908	1.15768	.58023	.12494	.56551	6.50052	1.15768	883.42700	394.33700
.800	17.991	.04556	.22789	1.13102	.69230	-.01591	.89328	10.11310	1.13102	879.93300	394.41900
	GRADIENT	.00139	.01796	.04132	.06873	-.03405	.24324	1.67375	.04132	-.71110	-.04294

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (AVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.599	-3.401	-.21175	.05770	.65659	-.73390	.99562	-3.28978	-27.70830	.65659	1250.16000	313.87500
.598	-1.403	-.16908	.07309	.74151	-.60860	.93869	-2.68411	-24.98020	.74151	1254.05000	314.05100
.599	.646	-.12516	.11023	.82858	-.41521	.86466	-2.11949	-21.38570	.82858	1253.03999	314.45700
.599	2.654	-.08287	.15447	.94969	-.30941	.78870	-1.54653	-16.65250	.94969	1253.23000	314.89000
.599	4.671	-.04033	.19616	1.02011	-.20481	.69933	-1.16989	-13.00950	1.02011	1249.58000	313.34700
.600	6.702	.00224	.20329	1.06028	-.07068	.57541	-.79970	-9.10099	1.06028	1251.53000	315.19300
	GRADIENT	.02124	.01774	.04630	.06721	-.03676	.26620	1.86758	.04630	-.09866	-.01060

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (AVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.402	8.090	.07801	.18229	1.02522	-.00698	.44631	-.56270	-6.47011	1.02522	1656.73000	187.19000
.402	10.029	.07122	.19487	1.03990	.12030	.32616	-.25207	-2.92213	1.03990	1657.32001	187.47800
.398	12.103	.07898	.18806	1.04101	.23765	.19512	.05157	.59836	1.04101	1658.25000	183.85800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

ORIGINAL PAGE IS OF POOR QUALITY

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.205	-1.736	.10781	-.02112	.63995	-.00872	.63995	3576.50000	104.79900
.203	.234	.10590	.04170	.74895	.03398	.74895	3576.01001	102.82500
.201	2.291	.10653	.10208	.84374	.08562	.84374	3582.26999	100.90900
.199	4.149	.10717	.12904	.90850	.11950	.90850	3579.54999	98.76800
.198	6.163	.10813	.13096	.95953	.13965	.95953	3581.60001	98.72500
.199	8.167	.10866	.15228	.99614	.15148	.99614	3583.56000	99.25430
.199	10.177	.10863	.15092	1.00846	.16468	1.00846	3576.78000	98.93630
.200	12.191	.10791	.15331	.00000	.16044	.00000	3581.48999	99.91100
.200	14.188	.10786	.13775	1.00291	.14843	1.00291	3580.67999	100.60800
.200	16.186	.10768	.12219	.97709	.14149	.97709	3578.57999	100.50600
	GRADIENT	-.00007	.02598	.04574	.02216	.04574	.79633	-1.01425

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.249	-1.876	.11068	-.00476	.63170	.00449	.63170	2301.88000	100.24900
.252	.057	.05129	.04923	.75970	.04755	.75970	2299.73999	101.83800
.250	1.995	.05179	.11204	.84248	.09018	.84248	2299.82999	100.68400
.250	4.120	.11117	.13960	.90996	.13153	.90996	2300.19000	100.23800
.249	6.124	.11102	.14402	.96292	.15600	.96292	2300.35999	99.88380
.250	8.170	.11119	.15061	.99704	.16672	.99704	2299.76999	100.45100
.250	10.164	.11133	.15349	1.01281	.17019	1.01055	2301.07999	100.34900
.250	12.193	.11155	.15581	1.01427	.17393	1.01144	2299.12000	100.50100
.250	14.177	.11119	.14662	1.00707	.16784	.99969	2298.28000	100.34800
.251	15.988	.05039	.13333	.98519	.15314	.97744	2296.73001	101.16800
	GRADIENT	.00039	.02479	.04589	.02125	.04589	-.24460	-.06289

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.396	-3.998	.07576	-.02950	.53664	-.00697	.53664	1660.67999	182.54100
.397	-1.853	.07473	.01590	.67851	.02772	.67851	1659.22000	182.96100
.398	.077	.07433	.05651	.78761	.05767	.78761	1660.42999	183.87500
.398	2.150	.07357	.11169	.87708	.09993	.87708	1660.95000	184.51000
.399	4.000	.07232	.14360	.93923	.14354	.93923	1658.45000	184.50500
.399	6.023	.07741	.15293	.99188	.16337	.99188	1658.91000	185.19100
.399	8.015	.07766	.16711	1.02409	.17366	1.02409	1658.33000	184.89400
.399	10.050	.07656	.16620	1.04004	.18290	1.04004	1658.09000	184.74000
.400	12.038	.08017	.17594	1.04174	.18519	1.04174	1657.27000	185.31400
.400	14.016	.08562	.16248	1.03473	.17330	1.03473	1657.14999	185.23800
.399	16.046	.08973	.14508	1.01276	.16451	1.01276	1657.45000	184.77400
	GRADIENT	-.00040	.02211	.05031	.01863	.05031	-.13438	.27453

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.597	-3.912	-.03110	-.01339	.61144	.01351	.61144	1715.35001	428.20200
.598	-1.986	-.03398	.02044	.73724	.03900	.73724	1714.71001	429.82000
.599	.064	-.03601	.07314	.84771	.07765	.84771	1710.33000	429.88600
.599	2.044	-.03658	.13531	.92906	.11502	.92906	1708.06000	428.88700
.600	4.048	-.03948	.16889	.99426	.16605	.99426	1709.02000	430.45500
.600	6.067	-.04003	.18516	1.04427	.18190	1.04427	1710.49001	431.52100
.600	8.052	-.03974	.19424	1.07646	.19134	1.07646	1711.10001	430.84900
.599	10.064	-.03939	.19959	1.09076	.20365	1.09076	1709.44000	429.35000
.599	12.054	-.03830	.19840	1.09396	.20634	1.09396	1709.44000	429.35000
.599	14.089	-.03841	.18999	1.08932	.19737	1.08932	1710.82001	429.98400
.598	16.036	-.03823	.17890	1.07047	.18700	1.07047	1712.46001	428.21900
	GRADIENT	-.00097	.02404	.04797	.01911	.04797	-.96930	.17821

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.699	-1.948	-.00568	.05286	.79761	.07650	.79980	1523.58000	521.11300
.700	.086	-.00576	.09611	.89919	.10275	.89777	1523.75999	522.00800
.701	2.068	-.00435	.14250	.97839	.12696	.97551	1522.72000	523.74000
.701	4.043	-.00724	.18755	1.03845	.18423	1.03619	1522.92000	523.90900
.702	6.053	-.00528	.20032	1.08516	.20392	1.08157	1524.87000	525.84200
.702	8.087	-.00535	.21286	1.11401	.21216	1.11182	1525.47000	525.78600
.701	10.054	-.00446	.21705	1.12632	.22329	1.12743	1527.09000	524.64300
.700	12.048	-.00496	.21641	1.12830	.22829	1.13127	1527.59000	524.50200
.699	14.091	-.00420	.21066	1.12303	.21854	1.12483	1530.11000	523.07200
.698	16.021	.00308	.20438	1.10580	.20991	1.11145	1532.33000	521.86900
	GRADIENT	-.00016	.02257	.04020	.01739	.03946	-.15107	.50737

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.800	-1.928	.05483	.08592	.86700	.12031	.86700	1388.82001	621.57600
.800	.088	.05206	.12520	.95665	.14417	.95665	1387.63000	621.04800
.800	1.962	.05047	.16955	1.02655	.16796	1.02655	1387.03000	621.46100
.799	3.918	.04433	.21699	1.08195	.21398	1.08195	1390.39999	621.90300
.800	5.929	.04650	.22968	1.12622	.23455	1.12622	1390.88000	622.76200
.800	7.964	.04279	.24003	1.15477	.24316	1.15477	1390.00000	621.95300
.800	9.998	.04286	.24477	1.16868	.25357	1.16868	1389.11000	621.97100
.800	11.984	.04583	.24533	1.17125	.25737	1.17125	1388.32001	621.69400
.800	13.984	.05037	.24240	1.16779	.25156	1.16779	1387.53000	621.41800
.800	16.014	.05429	.24008	1.15234	.24750	1.15234	1386.94000	621.07900
	GRADIENT	-.00170	.02253	.03685	.01570	.03685	.21162	.07049

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.850	-1.986	.06616	.11467	.90078	.14447	.90078	1318.22000	666.05700
.850	-.060	.11948	.14337	.98144	.16557	.98144	1317.50999	666.50800
.850	1.941	.03653	.18974	1.05416	.19148	1.05416	1318.11000	666.62800
.850	3.959	.04526	.23918	1.10913	.23701	1.10913	1319.39000	667.23700
.850	5.921	.04847	.25309	1.15055	.25674	1.15055	1319.10001	666.99600
.850	7.977	.10302	.26176	1.17894	.26552	1.17894	1318.99001	667.20500
.850	9.994	.10677	.26674	1.19223	.27621	1.19223	1318.89000	667.19800
.850	12.000	.05483	.26758	1.19467	.28031	1.19467	1319.50000	666.66600
.850	13.998	.09916	.26507	1.19158	.27595	1.19158	1318.60001	667.02900
.850	16.000	.04033	.26328	1.17771	.27190	1.17771	1318.61000	666.59500
.850	18.007	.04174	.25454	1.14911	.26186	1.14911	1319.78999	667.19600
	GRADIENT	-.00743	.02119	.03515	.01533	.03515	.20960	.18457

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.902	-3.966	.12589	.12352	.84375	.15428	.84375	1259.66000	717.68300
.903	-2.086	.11509	.14329	.92986	.17061	.92986	1258.95000	718.24000
.902	-.097	.10329	.17508	1.01067	.18949	1.01067	1259.16000	717.70400
.838	1.907	.12601	.22165	1.07776	.21767	1.07776	1265.41000	714.19400
.900	3.946	.12018	.27318	1.13405	.26720	1.13405	1263.67000	716.12100
.900	5.975	.08075	.28655	1.17603	.28870	1.17603	1263.25999	716.70900
.899	7.994	.10163	.29362	1.20265	.29577	1.20265	1264.48000	715.57100
.896	10.011	.09172	.29439	1.21437	.30463	1.21437	1268.62000	712.82300
.901	12.003	.04963	.29980	1.21991	.31351	1.21991	1262.07001	716.45400
.898	14.024	.07039	.29610	1.21661	.30749	1.21661	1264.31000	714.43800
.895	15.974	.06310	.29197	1.20308	.29915	1.20308	1268.35001	711.60800
.896	18.011	.05068	.29007	1.17725	.29321	1.17725	1267.03000	712.81200
	GRADIENT	.00000	.01910	.03671	.01381	.03671	.73390	-.36271

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.949	-1.976	.07630	.18882	.97792	.22201	.97792	1187.84000	748.97000
.950	-.019	.02780	.21696	1.05236	.24115	1.05236	1181.81000	747.19700
.950	1.978	.08004	.25454	1.11640	.26721	1.11640	1186.75000	748.97700
.951	3.955	.03080	.31196	1.16828	.30717	1.16828	1181.99001	747.75400
.950	6.019	.07584	.31717	1.20689	.32540	1.20689	1182.91000	746.79000
.949	7.955	.07353	.32371	1.23133	.33307	1.23133	1186.66000	748.09700
.949	9.976	.07278	.33041	1.24417	.34314	1.24417	1186.77000	747.97500
.950	12.045	.06039	.33205	1.24686	.34670	1.24686	1185.36000	748.41500
.950	13.979	.05329	.32915	1.24473	.34188	1.24473	1184.28000	747.95300
.949	16.000	.02293	.32582	1.23191	.33828	1.23191	1184.20000	747.14000
.949	17.985	.04456	.32327	1.20651	.33015	1.20651	1184.11000	746.52700
	GRADIENT	-.00423	.02057	.03209	.01423	.03209	-.63373	-.09326

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.978	-1.925	-.00323	.21571	1.00464	.24930	1.00464	1148.52000	769.57300
.981	-.047	.02611	.23951	1.07391	.26513	1.07391	1142.55000	769.71300
.980	1.955	.02747	.28143	1.13643	.29046	1.13643	1144.53999	769.58100
.981	3.974	.03677	.33058	1.18675	.32723	1.18675	1144.91000	771.26000
.979	6.033	.02427	.34033	1.22446	.34840	1.22446	1147.14000	769.19800
.980	8.012	.01845	.34722	1.25012	.35611	1.25012	1144.92999	770.15300
.979	9.979	-.01260	.35159	1.26122	.36517	1.26122	1146.03000	769.57800
.980	12.042	.00313	.35426	1.26463	.36961	1.26463	1144.14000	769.65900
.979	13.949	-.02737	.34981	1.26166	.36508	1.26166	1145.55000	768.92800
.975	16.022	-.04187	.34239	1.24703	.35708	1.24703	1150.28999	765.67600
.980	18.030	-.01021	.34499	1.22492	.35292	1.22492	1150.74001	772.86600
	GRADIENT	.00458	.01967	.03087	.01319	.03087	-.43447	.25239

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.051	-1.965	-.02874	.28718	1.06398	.32015	1.06398	946.03700	730.85700
1.048	.092	-.04657	.30407	1.13091	.33524	1.13091	947.86300	728.82000
1.050	1.953	-.00823	.33960	1.18715	.35660	1.18715	945.95900	729.61500
1.049	3.969	-.02458	.38935	1.23247	.38638	1.23247	946.47600	728.53200
1.051	6.022	-.02959	.39985	1.27106	.40901	1.27106	944.65300	730.38300
1.050	8.021	-.04148	.40455	1.29310	.41372	1.29310	946.65000	729.91300
1.050	9.992	-.03040	.41034	1.30459	.42345	1.30459	945.45300	730.14700
1.049	12.003	-.05588	.41102	1.30630	.42908	1.30630	946.46600	729.08400
1.049	14.001	-.05704	.40678	1.30451	.42346	1.30451	945.86700	729.23200
1.049	16.023	-.05926	.40224	1.29339	.41528	1.29339	945.77400	728.84800
1.047	18.007	-.05240	.39706	1.27049	.40834	1.27049	948.08000	727.80900
	GRADIENT	.00248	.01737	.02857	.01118	.02857	-.02361	-.31892

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.102	-4.231	.02364	.31764	1.02258	.36826	1.02258	902.38800	767.39000
1.097	-3.821	-.03837	.31776	1.03501	.36707	1.03501	907.50000	764.55400
1.100	-1.832	.05600	.33959	1.10439	.36952	1.10439	904.00500	765.70700
1.101	.131	.05050	.35613	1.17009	.38041	1.17009	902.62100	765.32300
1.099	2.006	-.02897	.38080	1.22266	.39714	1.22266	906.67500	766.39700
1.098	4.060	-.02636	.42552	1.26721	.43275	1.26721	905.12300	764.15900
1.098	6.010	-.01931	.44142	1.30001	.45024	1.30001	905.03100	763.72900
1.099	8.012	-.03436	.44687	1.32250	.45416	1.32250	906.58300	765.96800
1.098	9.988	-.03625	.45324	1.33362	.46450	1.33362	905.32400	764.02100
1.098	12.021	-.02056	.45448	1.33574	.46969	1.33574	906.70600	764.52000
1.098	14.008	.00772	.45114	1.33410	.46172	1.33410	908.27200	765.93800
1.097	15.982	-.03715	.44764	1.32472	.45617	1.32472	906.61100	764.26700
1.098	18.027	-.04283	.44359	1.30392	.45146	1.30392	906.50600	764.60000
	GRADIENT	-.00362	.01238	.03020	.00718	.03020	.10856	-.14927

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REFERENCE DATA

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.149	-4.230	.03930	.33499	1.07057	.38977	1.07057	843.42800	780.06500
1.150	-2.009	.05902	.35490	1.14820	.38857	1.14820	842.72300	780.80500
1.150	.011	.05415	.36264	1.20840	.39247	1.20840	842.33800	779.99000
1.151	2.027	.05535	.38685	1.26157	.40055	1.26157	842.03100	780.65000
1.151	4.114	.05286	.44261	1.30467	.44054	1.30467	841.73700	780.41600
1.149	5.708	.03843	.45030	1.33438	.45810	1.33438	843.53500	779.58400
1.149	8.003	.03478	.45804	1.35287	.46186	1.35287	844.52100	779.97200
1.150	10.080	.05528	.46398	1.36438	.47462	1.36438	842.82600	780.54800
1.149	12.084	.04742	.46690	1.36603	.48459	1.36603	843.73900	779.18100
1.151	14.054	.05874	.46726	1.36691	.47894	1.36691	840.86300	779.15500
1.150	16.024	.03071	.46357	1.35780	.47033	1.35780	843.91100	780.95900
1.151	18.060	.05331	.46092	1.34059	.46705	1.34059	841.64600	779.89100
	GRADIENT	.00116	.01201	.02810	.00545	.02810	-.19715	.02724

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.200	-4.090	.04524	.33668	1.11858	.38711	1.11858	791.81100	798.66900
1.197	-1.857	.05683	.34485	1.18608	.38272	1.18608	794.11400	796.90500
1.201	.004	.04500	.34350	1.24426	.38543	1.24426	790.91500	798.97200
1.198	2.104	.05922	.38317	1.29222	.39260	1.29222	794.20600	797.41100
1.203	4.006	.04687	.43884	1.33311	.43990	1.33311	788.63200	799.34000
1.202	6.042	.04720	.45880	1.36338	.45955	1.36338	790.81300	799.21300
1.201	8.046	.04632	.47106	1.38124	.46622	1.38124	791.90000	799.38700
1.199	10.042	.06992	.47616	1.39084	.48214	1.39084	793.99200	798.53500
1.203	12.036	.06196	.48214	1.39675	.50241	1.39675	789.31500	800.10400
1.201	14.011	.05374	.48213	1.39521	.49108	1.39521	790.81500	799.05300
1.200	16.020	.04726	.48315	1.38915	.48001	1.38915	791.52100	798.11300
1.200	18.002	.04626	.48198	1.37523	.47823	1.37523	792.01300	798.40000
	GRADIENT	.00033	.01197	.02658	.00565	.02658	-.29519	.08333

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.299	-1.931	.01934	.23423	1.26668	.36285	1.26668	632.33900	747.01900
1.299	-.060	.01592	.28683	1.31445	.36361	1.31445	633.12600	747.28200
1.299	1.936	.01753	.33721	1.35484	.37946	1.35484	630.57800	745.36000
1.300	4.028	.01133	.41151	1.39171	.43928	1.39171	630.66400	746.55400
1.299	5.939	.01910	.41108	1.41835	.45101	1.41835	633.21400	748.33200
1.300	7.974	.01730	.39655	1.43609	.45286	1.43609	631.25200	746.94600
1.299	9.940	.01724	.43601	1.44585	.47784	1.44585	631.84700	746.80500
1.300	12.007	.01774	.54397	1.45221	.55436	1.45221	633.21200	748.52500
1.300	13.936	.01556	.53217	1.45014	.53603	1.45014	632.52300	748.29400
1.299	15.981	.00760	.48933	1.44258	.48068	1.44258	632.53000	747.66500
1.301	17.985	.00472	.49623	1.43238	.47736	1.43238	630.65500	747.37600
	GRADIENT	-.00113	.02934	.02086	.01249	.02086	-.38320	-.16455

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.400	-3.954	-.11036	.14322	1.28054	.17108	1.28054	549.22900	753.28100
1.400	-1.985	-.10562	.14496	1.33394	.18586	1.33394	550.97900	756.04600
1.399	-.031	-.08954	.17630	1.37929	.19897	1.37929	549.91800	753.48600
1.400	1.958	-.08402	.21383	1.42175	.21219	1.42175	550.39500	755.18300
1.399	3.976	-.07027	.25304	1.45121	.23087	1.45121	550.89100	754.95400
1.400	5.945	-.05978	.26585	1.47942	.26580	1.47942	550.10200	754.88200
1.401	8.006	-.04759	.27516	1.50324	.29535	1.50324	548.91900	754.68600
1.399	9.955	-.02642	.28440	1.50406	.32407	1.50406	550.60100	754.30300
1.401	11.966	-.01489	.29009	1.50920	.34642	1.50920	548.63200	753.81800
1.401	14.006	-.00833	.29421	1.50841	.35015	1.50841	549.02600	753.81000
1.400	15.969	.00264	.29145	1.50318	.35250	1.50318	550.00600	754.57800
1.399	18.004	.01303	.28805	1.49307	.34320	1.49307	551.67500	755.59400
	GRADIENT	.00514	.01458	.02166	.00737	.02166	.13859	.12570

0A232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPS1A	CPITOT	P	Q
1.548	-3.916	-.13817	.15208	1.35228	.19428	1.35228	406.65000	682.17700
1.549	-1.929	-.13804	.17958	1.40884	.18695	1.40884	405.95700	681.92600
1.550	.009	-.13527	.19472	1.45454	.20323	1.45454	405.36200	681.84400
1.551	2.017	-.13365	.20986	1.49221	.21719	1.49221	404.76700	681.76100
1.552	4.012	-.13305	.24557	1.52340	.25877	1.52340	404.46500	682.11100
1.551	6.030	-.13215	.28363	1.54870	.30163	1.54870	405.06100	682.12100
1.550	8.072	-.12939	.30010	1.56872	.32333	1.56872	405.26100	681.97400
1.549	10.056	-.12289	.31280	1.57399	.35759	1.57399	405.95800	681.88900
1.548	12.088	-.12164	.32730	1.58017	.37938	1.58017	406.55700	681.63200
1.547	14.077	-.12430	.33515	1.58726	.38576	1.58726	406.56000	681.37000
1.548	16.089	-.12482	.33992	1.58266	.38112	1.58266	406.55300	681.93200
	GRADIENT	.00074	.01098	.02148	.00805	.02148	-.28065	-.01483

0A232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (AVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPS1A	CPITOT	P	Q
.899	-3.948	.09855	.12915	.84130	.14646	.84130	616.75500	348.93000
.901	-2.075	.06819	.14404	.92804	.16208	.92804	616.53200	350.09400
.902	-.043	.06692	.17209	1.01231	.18986	1.01231	616.41500	350.91800
.899	1.912	.09827	.20300	1.07960	.22822	1.07960	616.65000	349.19900
.901	4.013	.07074	.24719	1.13680	.25521	1.13680	615.93800	349.82800
.901	5.955	.07160	.26686	1.17583	.28919	1.17583	615.64000	349.80000
.900	7.975	.07211	.27694	1.20316	.29873	1.20316	615.74600	349.46200
.899	9.994	.10249	.29057	1.21598	.31426	1.21598	616.25700	348.88300
.898	12.001	.10169	.29667	1.21855	.32736	1.21855	617.27200	348.07200
.896	13.988	.10029	.29339	1.21620	.31715	1.21620	617.98300	347.44000
.896	16.034	.10189	.28086	1.20389	.30082	1.20389	618.96600	348.16100
	GRADIENT	-.00127	.01486	.03724	.01426	.03724	-.07678	.04386

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (AVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.198	-3.971	.04792	.33829	1.11924	.30987	1.11924	406.31100	408.34400
1.201	-1.989	.04010	.33995	1.18804	.31990	1.18804	402.76100	406.63000
1.199	.078	.04963	.33446	1.24632	.33857	1.24632	404.53900	407.24800
1.202	2.000	.04339	.34208	1.29477	.35592	1.29477	403.83400	408.24100
1.199	4.043	.05307	.39956	1.33229	.38939	1.33229	404.24500	406.95800
1.201	6.037	.04176	.43443	1.36422	.44052	1.36422	403.64600	407.28500
1.201	7.984	.04268	.44478	1.38310	.45036	1.38310	402.95400	407.16000
1.199	10.068	.05987	.46556	1.39269	.49215	1.39269	405.22500	407.90500
1.203	12.004	.04956	.49261	1.39697	.53783	1.39697	403.04300	408.03600
1.203	13.983	.04857	.48108	1.39721	.51676	1.39721	403.04200	408.08900
1.195	16.063	.05945	.46495	1.38664	.47091	1.38664	407.31300	407.36700
	GRADIENT	.00069	.00623	.02662	.00975	.02662	-.15142	-.05858

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.548	-3.832	-.13333	.15952	1.36542	.18414	1.36542	262.14800	439.48400
1.551	-1.943	-.13471	.17571	1.41664	.16502	1.41664	260.94900	439.35700
1.549	.059	-.13346	.19792	1.46172	.17867	1.46172	261.25900	438.78100
1.550	2.067	-.13393	.22259	1.50071	.19339	1.50071	260.56900	438.08100
1.550	4.112	-.13446	.24965	1.52934	.22747	1.52934	260.95500	438.98300
1.550	6.042	-.13399	.27196	1.55556	.27698	1.55556	261.25000	439.30500
1.549	8.081	-.13283	.29606	1.57509	.32092	1.57509	260.96200	438.57200
1.547	10.091	-.12934	.31488	1.58162	.35377	1.58162	261.36900	438.12700
1.548	12.081	-.12857	.33082	1.58635	.38138	1.58635	261.46000	438.70900
1.545	14.063	-.12931	.33680	1.59161	.38833	1.59161	262.94900	439.41500
1.552	16.095	-.12875	.34073	1.59148	.38266	1.59148	260.94400	439.73000
	GRADIENT	-.00007	.01143	.02067	.00585	.02067	-.13743	-.11367

0A232 AEDC 16T TF431 LFN.15 RA .2P/S (AVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.201	-1.814	1.95195	.02518	.61207	-.03453	.61207	3575.92001	101.34900
.203	.154	2.06877	.06618	.72787	.00910	.72787	3577.88000	103.54100
.203	2.179	2.05506	.14557	.82470	.06832	.82470	3575.03000	103.59500
.202	4.153	2.01703	.17351	.89381	.09064	.89381	3577.95999	102.67800
.203	6.085	1.98186	.17595	.95109	.10196	.95109	3575.39999	103.32400
.201	7.845	1.77524	.19692	.98222	.11679	.98222	3579.67999	100.80600
.201	9.843	1.70506	.18127	1.00661	.12723	1.00661	3580.98001	101.49200
.201	11.747	1.82228	.19542	.00000	.12984	.00000	3575.57999	101.19300
.202	13.750	1.81071	.17685	1.00603	.11623	1.00603	3578.31000	102.33600
.201	15.741	1.83597	.15485	.98301	.10627	.98301	3579.07999	100.99400
.200	17.724	1.86563	.14073	.94607	.09323	.94607	3579.76001	100.23400
	GRADIENT	.00907	.02634	.04727	.02183	.04727	.16132	.20242

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.250	-1.985	2.03946	.03807	.59392	-.02115	.59392	2298.70001	100.81500
.250	.185	2.06044	.08000	.72684	.01327	.72684	2299.60999	100.31900
.250	2.161	2.05204	.13923	.82441	.06367	.82441	2299.78000	100.24800
.250	4.125	2.04723	.17822	.89501	.10211	.89501	2299.88000	100.34900
.250	6.096	1.95942	.18605	.94977	.11352	.94977	2300.64999	100.57300
.251	7.930	1.99093	.19519	.98512	.12717	.98512	2300.14001	101.06900
.253	10.021	2.07510	.21094	1.00903	.13679	1.00903	2299.17001	102.67800
.250	11.940	1.89671	.20127	1.01431	.13652	1.01431	2300.34000	100.77500
.251	13.902	1.92066	.18678	1.00798	.12540	1.00798	2300.48001	101.22100
.250	15.709	1.82131	.17646	.98912	.11549	.98912	2300.92001	100.40100
	GRADIENT	.00081	.02360	.04941	.02066	.04941	.18491	-.07390

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.401	-1.955	2.15572	.04242	.64076	-.01131	.64076	1657.10001	186.39600
.401	.036	2.07651	.09456	.76297	.02488	.76297	1655.50999	186.18700
.401	2.050	2.08129	.13615	.85668	.07584	.85668	1653.94000	186.52800
.401	4.012	2.07505	.18246	.92713	.10795	.92713	1657.05000	186.80300
.402	6.031	2.08018	.20410	.98084	.12374	.98084	1650.84000	186.69900
.402	7.898	1.95829	.20769	1.01461	.13301	1.01461	1652.92999	187.36600
.403	9.941	2.01127	.20984	1.03629	.13969	1.03629	1655.34000	188.19600
.403	11.847	1.83347	.20788	1.04164	.14799	1.04164	1653.60001	187.94800
.402	13.841	1.88477	.19468	1.03652	.13474	1.03652	1657.00999	187.77000
.402	15.870	1.88985	.18445	1.01870	.13160	1.01870	1653.78000	187.03900
	GRADIENT	-.01192	.02318	.04786	.02053	.04786	-.08894	.07837

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.700	-1.942	1.99182	.09112	.76968	.03600	.76968	1526.33000	522.83800
.700	.041	1.99897	.13350	.87174	.06045	.87174	1524.33000	523.40200
.700	2.017	1.97667	.17298	.95565	.09832	.95565	1523.73000	523.13600
.701	3.980	1.98801	.22121	1.02015	.14942	1.02015	1522.13000	523.47400
.701	6.002	2.03808	.24476	1.06767	.15906	1.06767	1522.52000	523.97300
.701	7.987	2.00879	.25607	1.10166	.16802	1.10166	1524.19000	524.92800
.701	9.983	2.09878	.27034	1.12220	.17541	1.12220	1523.60001	524.50100
.701	11.940	1.94343	.26632	1.12755	.18032	1.12755	1525.80000	524.18900
.700	13.869	1.94561	.25889	1.12463	.17343	1.12463	1526.72000	523.33800
.698	15.856	1.97539	.24905	1.10958	.16614	1.10958	1528.64000	521.88200
.697	17.909	1.98493	.22701	1.07908	.15281	1.07908	1531.16000	520.61000
	GRADIENT	-.00171	.02177	.04232	.01915	.04232	-.66872	.08322

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.800	-3.993	2.19080	.10069	.73134	.05774	.73134	1386.64000	621.13500
.800	-1.945	2.05774	.12146	.83964	.07977	.83964	1387.13000	621.16700
.800	-.103	2.07723	.15688	.92445	.10101	.92445	1386.34000	621.04100
.800	2.034	2.05185	.20127	1.01075	.14034	1.01075	1388.22000	621.68800
.800	3.997	2.07416	.25176	1.06892	.18104	1.06892	1389.39000	622.51600
.799	5.983	2.14500	.27943	1.11361	.18697	1.11361	1390.39999	621.97800
.800	7.938	2.04475	.28744	1.14493	.19984	1.14493	1389.28999	622.73500
.800	10.015	2.10130	.29783	1.16504	.20564	1.16504	1389.30000	622.28400
.800	11.935	1.89652	.29245	1.17025	.21240	1.17025	1388.91000	622.10800
.800	13.922	1.91091	.28653	1.16848	.20722	1.16848	1389.00000	622.41500
.800	15.918	1.91535	.28098	1.15634	.20527	1.15634	1388.62000	621.56300
.800	17.964	1.95964	.27177	1.12947	.19368	1.12947	1387.71001	621.95700
	GRADIENT	-.01203	.01914	.04238	.01541	.04238	.33356	.16551

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.850	-1.921	2.02585	.15077	.87761	.10529	.87761	1317.52000	666.29100
.850	.083	2.04031	.18650	.96463	.12552	.96463	1321.85001	668.44700
.849	1.911	2.02590	.22263	1.03508	.16006	1.03508	1320.39999	666.59100
.850	3.916	2.09145	.27488	1.09546	.20653	1.09546	1321.64999	668.57600
.850	6.055	2.08356	.29971	1.14124	.21242	1.14124	1318.31000	666.35400
.850	7.947	2.05999	.30940	1.16880	.22236	1.16880	1320.98000	667.50700
.850	10.052	2.07240	.31927	1.18861	.23089	1.18861	1319.00999	666.40900
.850	11.914	1.82452	.31534	1.19405	.23645	1.19405	1320.57001	667.98300
.850	13.904	1.94492	.31034	1.19237	.23119	1.19237	1317.23000	665.76100
.850	15.960	1.96682	.30568	1.18035	.22893	1.18035	1318.80000	666.82800
.850	17.993	1.89778	.29861	1.15598	.21968	1.15598	1321.14999	668.53600
.850	18.929	1.89398	.29016	1.13829	.21447	1.13829	1319.38000	667.52600
	GRADIENT	.00953	.02113	.03743	.01748	.03743	.57349	.26582

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.901	-3.993	2.11363	.16744	.81330	.11496	.81330	1262.94000	717.79300
.901	-1.992	2.05915	.18496	.90830	.12903	.90830	1262.56000	716.92000
.902	-.031	2.09186	.21776	.99088	.15233	.99088	1260.25999	717.39300
.901	1.956	2.05706	.25530	1.06365	.19047	1.06365	1263.33000	718.31800
.899	3.998	2.12144	.31065	1.12235	.23650	1.12235	1264.00000	714.89600
.900	5.974	2.14127	.33220	1.16453	.24237	1.16453	1260.60001	715.40600
.900	7.870	1.98775	.33976	1.19215	.25400	1.19215	1263.67999	715.91200
.899	9.976	2.05688	.35405	1.21194	.26138	1.21194	1263.69000	715.49400
.900	11.929	1.85725	.34799	1.21892	.27093	1.21892	1262.97000	716.68000
.899	13.877	1.85070	.34317	1.21724	.26329	1.21724	1265.09000	714.93200
.900	15.937	1.86382	.34020	1.20805	.25779	1.20805	1263.37000	716.30100
.900	17.933	1.89382	.33836	1.18553	.25057	1.18553	1263.49001	715.61500
	GRADIENT	.00071	.01792	.03879	.01530	.03879	.14656	-.22278

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.949	-4.034	1.98262	.20031	.86785	.17496	.86785	1184.49001	747.50900
.950	-1.959	2.04477	.22841	.95549	.18060	.95549	1183.28999	747.70400
.949	-.034	2.08820	.25496	1.03018	.19706	1.03018	1184.60001	746.98600
.949	1.998	2.08670	.28823	1.10068	.23169	1.10068	1184.59000	747.32000
.950	3.973	2.06688	.33902	1.15430	.27326	1.15430	1183.58000	748.07300
.951	6.040	2.07599	.36205	1.19621	.28073	1.19621	1182.97000	748.47100
.950	7.898	2.00234	.37173	1.22218	.29144	1.22218	1183.69000	747.35000
.950	9.938	2.09564	.37903	1.24049	.29636	1.24049	1185.75000	748.86200
.951	11.944	1.88598	.37811	1.24665	.30481	1.24665	1182.09000	747.89900
.950	13.959	1.92110	.37486	1.24492	.29784	1.24492	1182.72000	746.43300
.950	15.980	1.94944	.36928	1.23535	.29504	1.23535	1181.91000	747.20800
.949	17.944	1.91873	.36656	1.21349	.29031	1.21349	1183.41000	746.44700
	GRADIENT	.01056	.01688	.03597	.01239	.03597	-.02734	.03760

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.981	-4.081	1.97967	.23422	.89254	.20393	.89254	1145.50999	770.94700
.980	-1.928	2.05338	.25558	.98138	.20856	.98138	1143.75000	769.54300
.978	-.014	2.04817	.27970	1.05254	.22230	1.05254	1145.17999	767.50800
.979	2.026	2.03891	.31265	1.12123	.25462	1.12123	1146.24001	769.27800
.979	3.994	2.05837	.36284	1.17310	.29387	1.17310	1146.53000	769.77300
.979	5.991	2.12303	.38119	1.21193	.30176	1.21193	1147.03999	769.18500
.979	7.940	2.00059	.39330	1.23894	.31380	1.23894	1146.25000	768.56100
.980	9.961	1.99623	.40204	1.25774	.32200	1.25774	1146.13000	769.85200
.980	11.932	1.91032	.39938	.00000	.32701	.00000	1144.44000	769.69800
.979	13.945	1.92452	.39455	1.26186	.32044	1.26186	1145.75999	768.10600
.981	15.898	1.94593	.39059	1.25412	.31652	1.25412	1142.06000	769.45400
.979	17.969	1.95422	.38883	1.23087	.31042	1.23087	1144.59000	767.30100
	GRADIENT	.00721	.01561	.03490	.01120	.03490	.22141	-.13160

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.051	-4.011	1.97852	.30547	.96030	.27594	.96030	944.74700	730.70600
1.050	-1.942	1.96724	.32224	1.04104	.28065	1.04104	946.54000	730.51000
1.049	-.019	1.98685	.34477	1.10862	.28987	1.10862	947.92900	730.67600
1.050	2.009	2.02050	.37472	1.17279	.31362	1.17279	946.53300	730.93800
1.048	4.018	2.01674	.41928	1.22095	.35618	1.22095	948.54200	729.73100
1.048	6.058	2.06260	.44035	1.25781	.36406	1.25781	948.45000	729.34700
1.049	7.995	1.99003	.44912	1.28287	.37313	1.28287	947.45500	729.36900
1.050	10.014	2.15290	.46485	1.30127	.38344	1.30127	945.74600	730.44000
1.049	11.998	1.95422	.45521	1.30533	.38887	1.30533	947.26100	729.09100
1.049	13.933	1.98267	.45180	1.30467	.38014	1.30467	946.95800	729.34900
1.051	15.966	2.00396	.44678	1.29767	.37328	1.29767	945.04700	730.63200
1.050	17.958	2.01044	.44328	1.27797	.36788	1.27797	945.96400	729.37000
	GRADIENT	.00646	.01400	.03264	.00967	.03264	.37907	-.07641

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.101	-3.861	1.88250	.36008	1.01298	.33433	1.01298	902.90200	766.37500
1.101	-1.934	2.03492	.37624	1.08275	.33239	1.08275	903.87700	767.44400
1.098	.011	1.99787	.39421	1.14564	.33554	1.14564	907.19300	765.14300
1.097	1.967	2.02256	.42019	1.20369	.35558	1.20369	906.31600	764.09300
1.098	4.069	1.99743	.46551	1.25478	.40228	1.25478	906.99400	765.16400
1.102	6.028	2.08426	.48525	1.29282	.40735	1.29282	902.10700	766.39700
1.101	7.940	1.91656	.49056	1.31676	.41686	1.31676	903.28700	767.09500
1.099	10.041	2.06116	.50039	1.33149	.42825	1.33149	904.11900	764.78900
1.101	11.953	1.94008	.49790	1.33774	.43302	1.33774	902.41300	765.87000
1.100	13.871	1.91693	.49123	1.33627	.42314	1.33627	904.78200	766.79600
1.101	15.911	1.91806	.48594	1.32905	.41731	1.32905	902.70800	766.04400
1.101	17.912	1.94513	.48211	1.31137	.41413	1.31137	903.38900	766.93800
	GRADIENT	.01084	.01294	.03056	.00813	.03056	.53465	-.28963

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.149	-3.928	2.01002	.37621	1.05780	.34841	1.05780	844.02100	780.25400
1.151	-1.962	2.04859	.39427	1.12830	.34932	1.12830	842.62300	780.89500
1.151	.008	2.05114	.40921	1.19056	.34253	1.19056	841.44000	780.34900
1.148	2.044	2.04377	.42720	1.24454	.35159	1.24454	844.52400	779.74900
1.149	4.047	2.03303	.47458	1.29008	.40566	1.29008	844.91100	780.45200
1.150	6.039	2.08258	.49304	1.32560	.41481	1.32560	842.93500	779.84300
1.149	7.933	1.93581	.49772	1.34698	.42682	1.34698	843.34300	779.14800
1.149	9.940	2.07975	.50981	1.36183	.44160	1.36183	844.03400	779.35900
1.149	11.887	1.86793	.50575	1.36629	.45620	1.36629	843.04700	779.02600
1.148	13.900	1.90021	.50264	1.36590	.44212	1.36590	845.41900	779.61100
1.150	15.857	1.87983	.49958	1.36001	.43614	1.36001	841.94100	780.01300
1.150	17.910	1.92817	.49897	1.34420	.43159	1.34420	841.75300	779.35400
1.148	18.951	1.95715	.49799	1.33108	.42990	1.33108	845.61700	779.65500
	GRADIENT	.00204	.01152	.02909	.00588	.02909	.18731	-.03780

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.200	-4.012	2.07164	.38366	1.09782	.33797	1.09782	791.61500	798.45800
1.202	-1.980	2.04860	.40030	1.16666	.33587	1.16666	790.03000	798.47600
1.201	-.016	2.05734	.40484	1.22509	.33193	1.22509	790.82700	798.20100
1.201	2.000	2.05280	.42024	1.27719	.35006	1.27719	790.82700	798.20100
1.200	3.978	2.08634	.48093	1.31750	.40049	1.31750	791.22800	797.82300
1.201	6.018	2.09593	.49660	1.35211	.41157	1.35211	790.43800	797.67200
1.200	7.937	2.07834	.51206	1.37410	.42498	1.37410	791.71400	798.48400
1.202	9.993	2.11113	.52591	1.39106	.45253	1.39106	789.24600	797.84500
1.198	11.886	1.84725	.51711	1.39300	.47309	1.39300	793.21400	797.47800
1.196	13.858	1.87298	.51722	1.39074	.44836	1.39074	794.62100	796.01500
1.204	15.934	1.90877	.52126	1.39350	.43826	1.39350	789.01600	800.24000
1.202	17.947	1.93565	.52279	1.38124	.43593	1.38124	790.60700	799.74700
	GRADIENT	.00167	.01074	.02756	.00697	.02756	.00035	-.07726

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.300	-4.010	1.88675	.36730	1.18882	.18232	1.18882	631.55300	746.56100
1.301	-1.957	2.02013	.39978	1.25034	.23391	1.25034	630.66300	746.65100
1.300	-.020	2.02373	.40702	1.30196	.24052	1.30196	630.56600	746.47300
1.299	1.989	2.04828	.42701	1.34263	.26626	1.34263	631.85200	746.32100
1.300	4.021	2.04597	.48355	1.38039	.28109	1.38039	631.06100	746.39600
1.299	6.015	2.11577	.51080	1.40992	.30070	1.40992	632.24700	746.40500
1.300	7.960	2.02609	.52637	1.43603	.31607	1.43603	632.32300	748.47000
1.300	9.999	2.13198	.54626	1.44893	.35582	1.44893	630.95800	746.75000
1.301	11.906	1.89701	.54553	1.45133	.42049	1.45133	629.97700	746.12900
1.300	13.940	1.94493	.54195	1.45351	.40344	1.45351	632.03800	747.40400
1.299	15.926	1.95538	.53716	1.44241	.38305	1.44241	633.51500	747.94700
1.299	17.954	1.94618	.53343	1.43091	.40973	1.43091	633.90600	748.32000
	GRADIENT	.01716	.01301	.02376	.01151	.02376	.00968	-.03281

REFERENCE DATA

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.401	-4.020	1.91267	.20899	1.26075	.14254	1.26075	549.61100	754.63000
1.401	-1.993	1.98557	.22377	1.31798	.12907	1.31798	548.82700	754.03200
1.401	-.015	1.97644	.25176	1.36619	.14806	1.36619	550.09800	755.32000
1.402	1.977	1.98307	.28334	1.40999	.17368	1.40999	549.59900	755.85300
1.399	4.008	2.02120	.30754	1.45033	.23202	1.45033	550.60200	754.25900
1.400	6.072	2.05652	.32129	1.47542	.23724	1.47542	549.81400	754.01300
1.401	8.039	2.11415	.31383	1.49097	.27426	1.49097	549.80500	754.97600
1.400	10.071	2.19329	.36692	1.50299	.30551	1.50299	549.91000	754.36100
1.402	11.999	1.98182	.35280	1.50982	.33793	1.50982	549.40500	755.55100
1.401	14.063	2.03380	.36860	1.50909	.33330	1.50909	549.50600	755.24300
1.401	15.966	2.01402	.36516	1.50412	.32409	1.50412	550.48700	755.88100
1.399	18.004	2.01274	.39140	1.49464	.30783	1.49464	551.57800	755.33300
	GRADIENT	.01074	.01281	.02353	.01117	.02353	.13736	.05286

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.548	-3.908	1.84243	.18993	1.34330	.11446	1.34330	405.87000	680.89500
1.548	-1.851	1.85650	.20984	1.39985	.10056	1.39985	407.03700	683.00500
1.549	.114	1.84742	.21627	1.44958	.14107	1.44958	406.35100	682.26700
1.549	2.104	1.87373	.23484	1.48623	.17245	1.48623	405.37000	681.17100
1.550	4.150	1.88358	.28792	1.51745	.23921	1.51745	405.26600	681.60000
1.551	6.220	1.91501	.32471	1.54393	.27380	1.54393	405.25400	682.57200
1.552	8.091	1.93765	.34653	1.56266	.29972	1.56266	405.05400	682.64400
1.551	10.026	2.07894	.36001	1.57397	.33563	1.57397	404.77400	681.20100
1.547	11.923	2.01404	.36178	1.57602	.34426	1.57602	406.95000	681.97300
1.546	13.900	2.04322	.36428	1.58150	.34335	1.58150	407.64100	682.33400
1.552	15.908	2.07452	.36724	1.58201	.34394	1.58201	404.46400	682.14900
1.549	17.898	2.10055	.36213	1.56790	.32498	1.56790	406.25100	682.32300
	GRADIENT	.00496	.01103	.02166	.01600	.02166	-.14224	-.01951

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (AVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.202	-1.929	-.31382	-.01849	.65784	.00554	.65784	3578.42999	102.02400
.202	-.016	-.27307	.03701	.75445	.03984	.75445	3577.16000	101.70200
.202	2.003	-.23081	.11325	.84389	.09629	.84389	3577.04001	102.21100
.202	3.989	-.18963	.12524	.90797	.13153	.90797	3580.10001	102.15800
.201	6.053	-.14550	.13505	.96044	.14920	.96044	3577.04999	101.42100
	GRADIENT	.02098	.02565	.04244	.02198	.04244	.25057	.04680

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.250	-1.734	-.25284	-.00194	.66079	.01863	.66079	2297.98999	100.91500
.250	.144	-.21112	.05187	.76687	.05517	.76687	2297.82999	100.78400
.251	2.144	-.16629	.11281	.85061	.09172	.85061	2296.69000	101.20800
.250	4.009	-.18457	.13579	.91647	.13275	.91647	2296.57001	100.25600
.250	6.242	-.07452	.14333	.96780	.15375	.96780	2295.42999	100.68100
	GRADIENT	.01304	.02469	.04424	.01970	.04424	-.28220	-.07926

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.404	-1.870	-.29974	.01163	.69157	.03840	.69157	1653.44000	188.45900
.404	.085	-.25709	.05445	.79721	.06741	.79721	1656.44000	188.84800
.405	2.152	-.21073	.10928	.88166	.09974	.88166	1652.31000	189.58900
.399	4.167	-.16669	.14800	.94513	.14911	.94513	1656.74001	184.50400
.398	6.117	-.12287	.14896	.99102	.16414	.99102	1658.85001	184.22200
	GRADIENT	.02208	.02300	.04185	.01807	.04185	.28074	-.55288

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.599	-1.963	-.18010	.01842	.75676	.06221	.75676	1662.71001	417.83300
.599	.091	-.16052	.07139	.86165	.08672	.86165	1660.62000	417.52500
.599	2.060	-.09642	.12525	.93986	.11811	.93986	1662.13000	416.87500
.599	4.128	-.06717	.16582	1.00324	.17007	1.00324	1656.17000	416.38800
.599	6.169	-.01614	.17992	1.04892	.18225	1.04892	1660.92000	417.70400
	GRADIENT	.01987	.02450	.04039	.01755	.04039	-.90029	-.24607

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (AVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.800	-1.822	-.26162	.08294	.87896	.12978	.87896	1386.44000	621.04700
.799	.082	-.21963	.11780	.95999	.14822	.95999	1390.31000	621.74600
.800	2.136	-.17642	.17261	1.03351	.16998	1.03351	1390.48000	622.81200
.800	4.197	-.13435	.22292	1.08903	.21761	1.08903	1388.99001	622.86600
.800	6.281	-.08868	.23394	1.13059	.23463	1.13059	1389.39999	622.14000
	GRADIENT	.02113	.02364	.03493	.01423	.03493	.37758	.32347

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.850	-1.940	-.25143	.10658	.91016	.15400	.91016	1321.67000	667.78000
.850	.144	-.26439	.14407	.99524	.17326	.99524	1319.39000	667.45400
.850	2.202	-.18271	.19676	1.06364	.19688	1.06364	1318.41000	666.65200
.850	4.246	-.12456	.24421	1.11562	.24279	1.11562	1319.30000	666.72200
.850	6.335	-.08998	.25390	1.15606	.25776	1.15606	1321.75000	668.43900
	GRADIENT	.02239	.02258	.03323	.01405	.03323	-.39391	-.19300

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.900	-1.931	-.32159	.14237	.94959	.18847	.94959	1250.78999	708.46300
.900	.161	-.27995	.17159	1.02791	.20598	1.02791	1250.39999	708.35500
.900	2.233	-.20158	.22716	1.09517	.23071	1.09517	1248.80000	708.61900
.900	4.321	-.18726	.27287	1.14521	.27446	1.14521	1250.00000	708.24700
.900	6.393	-.14404	.28458	1.18346	.28739	1.18346	1250.00000	708.24700
	GRADIENT	.02311	.02146	.03141	.01357	.03141	-.19035	-.01851

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.950	-1.845	-.29388	.18663	.99129	.23169	.99129	1184.57001	748.32200
.949	.191	-.24602	.21153	1.06297	.24705	1.06297	1185.67000	748.18200
.949	2.270	-.19431	.26388	1.12632	.27367	1.12632	1186.07001	747.76000
.949	4.361	-.15003	.31055	1.17500	.31308	1.17500	1186.56000	748.48600
.949	6.385	-.11012	.32047	1.21137	.32445	1.21137	1186.57001	747.75100
	GRADIENT	.02335	.02051	.02968	.01310	.02968	.30734	.00384

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (AVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.981	-1.847	-.27307	.21234	1.01564	.25795	1.01564	1144.82001	770.59600
.979	.196	-.19683	.23615	1.08321	.27131	1.08321	1146.73000	769.79800
.979	2.283	-.14553	.28677	1.14624	.29514	1.14624	1146.92000	770.15000
.979	4.387	-.10630	.33340	1.19448	.33472	1.19448	1146.92000	769.88900
.979	6.418	-.06751	.34144	1.22897	.34651	1.22897	1147.53000	769.24900
	GRADIENT	.02651	.01992	.02883	.01224	.02883	.31074	-.08461

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.049	-1.880	-.19879	.28408	1.07122	.32486	1.07122	946.67000	728.81000
1.048	.124	-.16640	.30185	1.13465	.33697	1.13465	947.75700	729.17200
1.051	2.223	-.12384	.34254	1.19584	.35958	1.19584	946.01900	731.89700
1.051	4.323	-.05623	.39238	1.24088	.39110	1.24088	945.82000	731.86500
1.051	6.472	-.01128	.40273	1.27544	.40676	1.27544	944.75700	730.15500
	GRADIENT	.02274	.01769	.02751	.01071	.02751	-.20946	.57477

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.101	-1.920	-.26974	.33523	1.11541	.37979	1.11541	903.59600	766.45000
1.098	.082	-.16714	.34775	1.17198	.38800	1.17198	905.81600	764.29100
1.101	2.167	-.16589	.38799	1.23113	.40236	1.23113	902.80500	766.23900
1.100	4.279	-.12353	.43812	1.27481	.43648	1.27481	903.60400	765.92400
1.098	6.344	-.01847	.44329	1.30446	.44934	1.30446	905.90700	764.77900
	GRADIENT	.02117	.01692	.02596	.00895	.02596	-.14746	.02113

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.149	-1.979	-.25665	.34315	1.15684	.39726	1.15684	845.01300	780.25000
1.149	.012	-.21629	.35260	1.21415	.39967	1.21415	843.34400	779.09200
1.151	2.154	-.18449	.39088	1.26767	.40831	1.26767	841.44200	780.23800
1.149	4.267	-.12080	.44035	1.30695	.44493	1.30695	843.73900	779.18100
1.149	6.306	-.07772	.44738	1.33749	.46017	1.33749	843.73200	779.68400
	GRADIENT	.02105	.01586	.02411	.00730	.02411	-.27036	-.09669

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (AVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.201	-1.981	-.26826	.34304	1.19880	.40512	1.19880	783.29100	791.38700
1.199	.093	-.23748	.34467	1.25350	.39959	1.25350	784.89800	789.71500
1.198	2.179	-.18602	.38495	1.29970	.39999	1.29970	785.60000	789.09200
1.198	4.250	-.14483	.43404	1.33872	.44174	1.33872	787.26400	790.59100
1.199	6.371	-.10171	.45124	1.36708	.46012	1.36708	785.68300	790.29200
	GRADIENT	.02030	.01508	.02242	.00530	.02242	.60718	-.14507

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.299	-1.929	-.24030	.17471	1.27336	.37978	1.27336	632.14600	746.51700
1.299	.039	-.19811	.20084	1.32580	.37636	1.32580	632.33500	747.40600
1.301	2.123	-.15392	.27093	1.36811	.39595	1.36811	631.43600	748.26900
1.300	4.246	-.10288	.33134	1.39904	.45545	1.39904	632.81900	748.29700
1.299	6.301	-.05950	.34483	1.42286	.47134	1.42286	633.41200	748.30100
	GRADIENT	.02216	.02627	.02030	.01207	.02030	.05588	.29948

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.401	-2.028	-.17838	.13519	1.34935	.22425	1.34935	549.21300	754.98700
1.399	.076	-.13426	.16216	1.39379	.25010	1.39379	551.67600	755.41800
1.399	2.205	-.08845	.20718	1.43281	.25465	1.43281	551.67600	755.50600
1.398	4.281	-.04296	.25002	1.46411	.27149	1.46411	550.80500	753.64200
1.400	6.338	.00219	.25912	1.48669	.30675	1.48669	549.51700	754.10700
	GRADIENT	.02147	.01850	.01821	.00694	.01821	.22760	-.18643

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.549	-2.124	-.11464	.19922	1.41959	.20523	1.41959	406.73900	683.02100
1.550	-.045	-.05598	.20386	1.46847	.21905	1.46847	406.34200	683.01600
1.549	2.045	-.01271	.22706	1.50525	.22842	1.50525	406.63900	683.07600
1.549	4.167	.03577	.25497	1.53092	.27718	1.53092	405.18000	680.49500
1.550	6.159	.07846	.28564	1.55287	.30619	1.55287	405.75800	681.96100
	GRADIENT	.02358	.00910	.01768	.01076	.01768	-.20956	-.35999

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.300	8.038	.01701	.38608	1.43652	.45270	1.43652	632.62200	748.23100
1.300	11.908	.04855	.53767	1.45238	.55291	1.45238	631.55000	746.90000
1.299	15.903	.05811	.49037	1.44222	.48007	1.44222	632.04800	746.48400
1.299	17.967	.06515	.49661	1.43097	.47513	1.43097	632.73300	747.15000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.319	7.955	.00358	.30502	1.45167	.42205	1.45167	615.12200	749.33900
1.319	11.997	.03900	.40832	1.45986	.55477	1.45986	614.24100	748.60000
1.320	16.006	.05064	.44853	1.45614	.47486	1.45614	615.99400	751.02600
1.320	18.010	.05863	.46504	1.44731	.46623	1.44731	615.69800	751.01700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.340	7.977	-.00549	.25265	1.46685	.39356	1.46685	598.50300	751.88200
1.340	12.002	.02713	.29435	1.47215	.52485	1.47215	599.18700	752.69400
1.337	16.034	.04138	.35920	1.47217	.47708	1.47217	600.77100	752.29700
1.335	18.010	.04997	.40480	1.45268	.46088	1.45268	603.04100	752.38000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.360	7.980	-.02354	.25665	1.47253	.37618	1.47253	583.46500	754.97300
1.360	11.974	-.00388	.28492	1.48858	.42100	1.48858	580.63200	751.95300
1.360	16.056	.02824	.34433	1.48088	.42220	1.48088	582.78300	754.02200
1.361	17.986	.03881	.36197	1.47094	.41397	1.47094	581.60200	753.65600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.378	7.985	-.03572	.26280	1.48799	.35571	1.48799	567.57300	754.89000
1.380	11.946	-.00282	.28105	1.50170	.38558	1.50170	567.26900	755.66400
1.381	16.045	.01314	.30636	1.49448	.39357	1.49448	563.84200	752.74800
1.381	17.961	.01835	.31039	1.48659	.39252	1.48659	566.08700	755.45300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.400	7.991	-.04478	.27777	1.50117	.29528	1.50117	550.29900	754.92200
1.400	11.952	-.01467	.28922	1.50875	.34863	1.50875	549.90700	754.66700
1.401	16.014	.00039	.29165	1.50446	.35214	1.50446	550.19400	755.58000
1.399	17.971	.01113	.28862	1.49350	.34364	1.49350	551.76800	756.11700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.450	7.985	-.07387	.29285	1.52294	.29919	1.52294	513.18100	755.01100
1.449	11.857	-.06348	.30619	1.53287	.35624	1.53287	513.77700	754.62400
1.451	16.025	-.12111	.30903	1.53028	.36199	1.53028	511.70800	754.10300
1.451	18.092	-.11734	.30386	1.51745	.34299	1.51745	511.21900	753.62000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.201	-1.766	.11013	-.02093	1.09669	-.01949	.65004	3573.14999	100.72700
.201	2.228	.11051	.10051	.83547	.07308	.84855	3571.88000	101.48700
.201	6.192	.11030	.13606	.95716	.14365	.96552	3575.54001	100.74700
.201	10.191	.11117	.15098	1.01154	.16405	1.01065	3571.97000	100.70700
.200	14.198	.11075	.14370	1.00058	.15781	.99950	3569.25000	99.55480
.201	18.204	.11088	.12061	.93325	.13281	.93135	3576.25000	101.22400
	GRADIENT	.00010	.03041	-.06541	.02318	.04971	-.31802	.19032

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.397	-1.964	.08138	.00561	.67192	.01546	.67568	1661.27000	183.10600
.399	2.089	.08177	.11432	.87521	.09126	.87720	1656.71001	184.90300
.400	6.076	.08096	.15690	.99314	.16589	.99304	1656.64999	185.33000
.399	10.062	.08103	.17028	1.03812	.18138	1.04028	1657.23000	184.79200
.399	14.055	.08145	.15614	1.03380	.17528	1.03302	1657.13000	184.69600
.398	18.049	.08187	.13162	.97007	.14380	.98101	1657.64000	183.86400
	GRADIENT	.00010	.02682	.05015	.01870	.04972	-1.12497	.44333

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.599	-1.951	-.03835	.02804	.74249	.04761	.74308	1658.37000	416.01200
.600	2.115	-.03766	.12713	.93653	.11029	.93496	1660.50000	418.46700
.601	6.089	-.03856	.18063	1.04719	.18307	1.04493	1661.46001	419.86300
.600	10.078	-.03858	.19831	1.09075	.20154	1.09195	1658.33000	417.47000
.600	14.086	-.03596	.18857	1.08735	.19592	1.08713	1656.64999	417.25800
.598	18.076	-.03387	.16035	1.02934	.17166	1.04586	1660.17999	415.19600
	GRADIENT	.00017	.02437	.04773	.01542	.04719	.52390	.60384

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.699	-1.936	-.00705	.05378	.79798	.07608	.80045	1529.61000	523.05100
.702	2.061	-.00744	.14296	.97819	.12870	.97526	1523.57001	526.03100
.703	6.114	-.00823	.20067	1.08610	.20455	1.08269	1520.78999	525.51400
.701	10.066	-.00679	.21707	1.12660	.22332	1.12749	1523.50000	524.49700
.700	14.084	-.00735	.21085	1.12328	.21830	1.12486	1528.69000	524.06300
.697	18.070	-.00510	.18669	1.07112	.19707	1.09247	1530.27000	520.57400
	GRADIENT	-.00010	.02231	.04509	.01317	.04374	-1.51133	.74565

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.801	-1.983	.04709	.08667	.86614	.11104	.86443	1393.21001	625.54500
.800	1.919	.04480	.16691	1.02530	.16089	1.02455	1389.39999	622.21500
.800	5.912	.04296	.23248	1.12605	.23575	1.12558	1389.71001	621.93400
.800	9.967	.04397	.24643	1.16800	.25468	1.16856	1388.10001	622.35800
.800	13.967	.04370	.24384	1.16645	.25203	1.16696	1386.82001	621.67400
.799	18.030	.04692	.22854	1.12093	.23571	1.12886	1387.14999	620.64100
	GRADIENT	-.00059	.02057	.04079	.01278	.04104	-.97651	-.85348

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.900	-1.953	.10581	.14928	.94101	.17313	.94101	1250.49001	708.92100
.900	1.965	.10638	.22161	1.08469	.22037	1.08469	1250.89000	708.89000
.900	5.944	.07905	.28844	1.17837	.28899	1.17837	1251.55000	710.34900
.900	9.984	.07976	.29938	1.21653	.30697	1.21653	1250.97000	709.73500
.900	13.992	.10739	.29923	1.21571	.30806	1.21627	1251.48000	708.80800
.900	17.996	.10267	.29244	1.17578	.29406	1.17773	1250.67999	709.01000
	GRADIENT	.00015	.01846	.03668	.01206	.03668	.10211	-.00791

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.950	-1.973	.05681	.19009	.97839	.21493	.97826	1184.08000	747.93000
.950	1.989	.03369	.25736	1.11664	.25902	1.11731	1184.86000	748.55700
.950	6.006	.08435	.32055	1.20669	.32721	1.20692	1182.61000	746.88900
.950	9.980	.02360	.33472	1.24364	.34345	1.24398	1183.77000	748.36300
.950	14.007	.01365	.33397	1.24359	.34319	1.24421	1185.06000	748.78100
.950	17.985	.00940	.32796	1.20672	.33017	1.20662	1181.31000	746.93900
	GRADIENT	-.00583	.01698	.03489	.01113	.03509	.19687	.15825

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.980	-2.021	-.00019	.21611	1.00184	.24231	.97641	1145.34000	769.29300
.979	2.041	.03281	.28060	1.13719	.28447	1.11884	1146.35001	768.63900
.980	6.025	.03086	.34279	1.22483	.34534	1.20721	1143.27000	768.69700
.980	9.998	-.00454	.35647	1.26117	.36496	1.24406	1142.66000	768.94600
.980	14.003	-.02239	.35466	1.26118	.36656	1.24422	1142.37000	768.51600
.980	18.003	.00647	.34992	1.22531	.35158	1.20631	1144.35001	769.16400
	GRADIENT	.00813	.01588	.03332	.01038	.03507	.24866	-.16101

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.050	-1.995	-.02704	.29225	1.06326	.31192	.91878	945.75700	729.82800
1.049	2.060	-.04828	.34302	1.19064	.35462	1.04457	945.86700	729.23200
1.049	6.072	-.02341	.40507	1.27139	.41077	1.12663	946.26000	729.48000
1.050	10.045	-.02190	.41671	1.30411	.42605	1.15980	946.53900	730.57100
1.050	14.074	-.00166	.41546	1.30394	.42423	1.15962	946.34200	730.47700
1.049	18.029	-.04686	.40451	1.27027	.41003	1.12603	945.67200	729.01500
	GRADIENT	-.00524	.01252	.03142	.01053	.03102	.02713	-.14699

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.100	-2.011	-.01986	.34429	1.10329	.35923	1.10203	890.59000	753.96200
1.099	2.052	-.01635	.38613	1.22346	.39526	1.22418	891.87300	754.50300
1.100	6.005	-.02448	.45069	1.30117	.45070	1.29972	891.76800	754.83500
1.100	10.024	-.01078	.45819	1.33401	.46439	1.33381	890.69000	753.92300
1.100	14.083	.03931	.45612	1.33472	.46303	1.33393	888.91000	753.46300
1.100	18.076	.03235	.44984	1.30443	.44892	1.30367	889.01500	753.07200
	GRADIENT	.00086	.01030	.02958	.00887	.03007	.31579	.13316

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.148	-1.987	.03939	.35602	1.14594	.37659	1.14841	838.46500	773.68100
1.149	2.086	.03878	.38873	1.26076	.39821	1.26564	835.31100	772.24800
1.151	6.046	.05813	.45554	1.33431	.45889	1.33508	837.62600	776.69200
1.151	10.040	.06707	.46765	1.36338	.47382	1.36411	835.48200	774.13700
1.150	14.088	.06219	.47253	1.36508	.47968	1.36527	833.52600	772.24100
1.150	18.062	.05273	.46775	1.33949	.46611	1.34023	834.99600	773.46800
	GRADIENT	-.00015	.00803	.02819	.00531	.02879	-.77445	-.35186

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.200	-1.998	.05089	.34348	1.19070	.38188	1.18370	784.28900	790.84300
1.200	2.045	.06296	.37208	1.29372	.39105	1.29399	783.80800	789.75600
1.199	6.060	.06113	.45488	1.36054	.45742	1.36245	784.89500	789.92900
1.199	10.055	.07340	.47480	1.39032	.48058	1.39192	785.29200	789.92400
1.200	14.080	.06967	.48054	1.39244	.49255	1.39522	783.32200	789.09500
1.200	18.036	.04676	.47734	1.37260	.47717	1.37496	782.52600	789.31800
	GRADIENT	.00299	.00707	.02547	.00227	.02727	-.11894	-.26879

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.300	-1.999	.01468	.23237	1.26485	.37739	1.26499	630.18600	745.03500
1.300	2.014	.01629	.33328	1.35689	.37504	1.35759	630.08200	745.48600
1.300	5.952	.01788	.41021	1.42033	.45114	1.41986	630.07900	745.82400
1.300	9.980	.02622	.46880	1.44667	.47589	1.45945	630.17800	745.76000
1.300	14.018	.02552	.52322	1.44865	.53800	1.48419	630.08800	744.90500
1.300	18.041	.01847	.50071	1.43064	.48085	1.50567	630.27900	745.55200
	GRADIENT	.00040	.02515	.02294	-.00059	.02308	-.02592	.11239

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.550	-1.888	-.12793	.18903	1.41225	.17891	1.41117	403.80800	678.90700
1.550	2.047	-.12894	.21928	1.49367	.21336	1.49537	405.46100	681.86400
1.550	6.027	-.12802	.28886	1.54936	.29719	1.54879	405.17200	681.13100
1.549	10.107	-.12029	.31962	1.57335	.36636	1.57642	405.46900	681.26500
1.550	14.069	-.12162	.33826	1.58473	.40124	1.58443	406.34300	682.94100
1.549	18.098	-.13278	.33658	1.56370	.37013	1.57947	405.95900	681.73900
	GRADIENT	-.00026	.00769	.02069	.00876	.02140	.42005	.75142

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.219	8.054	2.02335	.51143	1.39288	.42062	1.39288	703.24900	731.58700
1.219	11.957	2.18803	.52607	1.40502	.49689	1.40502	704.61600	733.11400
1.220	16.095	2.11806	.52963	1.40154	.42061	1.40154	702.83700	732.84000
1.218	18.084	2.07728	.52896	1.38668	.41680	1.38668	704.34100	731.41000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.240	8.054	2.02446	.51528	1.39954	.39808	1.39954	687.70500	739.77700
1.240	11.968	2.04950	.52565	1.41865	.51514	1.41865	683.59500	735.86800
1.238	15.977	2.04826	.53094	1.41116	.42081	1.41116	687.63000	737.74600
1.239	18.079	2.06859	.53176	1.39751	.41746	1.39751	689.67300	740.70300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.260	8.045	2.01750	.52244	1.40897	.34931	1.40897	668.08000	742.60400
1.259	11.981	2.04742	.53983	1.42631	.52108	1.42631	669.06500	742.95300
1.258	15.984	2.06836	.54410	1.42120	.38747	1.42120	667.42900	739.02100
1.258	18.096	2.03443	.54284	1.40815	.39996	1.40815	669.56900	742.19500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.280	8.039	2.03566	.52878	1.41981	.31159	1.41981	647.89600	743.52200
1.280	11.999	2.06283	.54831	1.43693	.39220	1.43693	649.36900	744.43800
1.280	15.970	2.02933	.55272	1.43414	.34774	1.43414	649.36700	744.58600
1.279	18.105	2.03235	.55260	1.41978	.37632	1.41978	650.35700	744.50500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.300	8.026	2.01617	.53022	1.42926	.28086	1.42926	632.42700	748.02000
1.300	11.917	2.16776	.55647	1.45062	.28991	1.45062	633.39600	749.84900
1.300	15.977	2.01801	.55909	1.44483	.32643	1.44483	632.81800	748.39300
1.301	18.072	2.03973	.55811	1.43547	.35386	1.43547	631.44200	747.68900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.320	8.006	2.01764	.52538	1.44503	.26908	1.44503	614.52500	749.79500
1.321	12.016	2.04958	.56370	1.46280	.29731	1.46280	616.37200	752.63500
1.319	15.986	2.02529	.56063	1.45770	.30674	1.45770	612.78100	746.51500
1.321	18.067	1.99448	.55945	1.44941	.31832	1.44941	612.08300	747.17300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.341	8.001	2.01912	.49307	1.46371	.27557	1.46371	598.88200	753.51500
1.340	12.007	2.03843	.57631	1.47562	.30336	1.47562	596.65100	749.51700
1.340	15.979	2.02636	.56737	1.47486	.30197	1.47486	597.13600	750.39600
1.340	18.098	1.98389	.56530	1.46311	.29648	1.46311	597.62100	751.22900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (AVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.360	7.994	2.01203	.41858	1.47001	.27945	1.47001	581.02600	751.96900
1.360	11.935	2.00672	.58928	1.48810	.31529	1.48810	583.36300	755.29900
1.360	15.984	1.97916	.56262	1.48770	.30476	1.48770	583.27100	754.66800
1.360	18.040	2.01337	.56334	1.47472	.28321	1.47472	582.28700	754.33300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.380	7.981	2.00908	.33091	1.48580	.28121	1.48580	565.21700	753.48700
1.379	11.967	1.96863	.53476	1.50221	.32507	1.50221	566.88500	754.47700
1.381	15.941	1.97776	.56359	1.49675	.31137	1.49675	566.77000	756.26800
1.381	18.045	1.95208	.55541	1.48877	.28626	1.48877	565.69500	755.11500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.401	7.957	1.99119	.30824	1.49696	.28931	1.49696	550.00100	755.14700
1.400	11.908	2.07310	.44157	1.50636	.32199	1.50636	551.46900	756.43000
1.399	15.912	1.94836	.48661	1.50215	.30525	1.50215	549.23700	752.40600
1.401	18.020	1.94410	.51135	1.49494	.27921	1.49494	547.17500	751.26600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.450	7.958	1.97132	.32399	1.51778	.31293	1.51778	514.54700	756.78500
1.450	11.985	1.88933	.34522	1.53420	.33610	1.53420	512.00800	753.70300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
1.450	16.008	1.95034	.37804	1.52957	.32093	1.52957	512.40400	753.68200
1.449	17.954	1.92355	.39440	1.51926	.29972	1.51926	512.79600	753.95100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.200	-1.724	.10896	-.00049	.64022	-.67802	.89603	-2.96312	-26.36900	.64022	3574.84000	100.44500
.202	.162	.10889	.05315	.74626	-.50418	.83112	-2.29123	-22.59350	.74626	3575.59000	101.67200
.202	2.150	.10901	.11334	.83226	-.40301	.75547	-1.76590	-18.58830	.83226	3572.20999	101.74700
.200	4.102	.10890	.12399	.89857	-.32005	.64902	-1.32010	-14.50740	.89857	3574.29999	100.29000
.199	6.155	.10895	.13862	.95422	-.18786	.54137	-.93796	-10.59330	.95422	3576.59000	99.61250
.200	8.172	.10944	.14202	.99211	-.03782	.42097	-.57310	-6.58725	.99211	3575.35001	100.43500
.200	10.191	.10956	.15591	1.00712	.08614	.29795	-.25987	-3.01221	1.00712	3575.25000	99.85260
.200	12.186	.11012	.15931	.00000	.21037	.17864	-.16313	-1.89350	.00000	3575.00000	100.19600
.200	14.194	.11033	.14119	1.00292	.32973	.04944	.34462	3.98674	1.00292	3575.10001	100.58000
.199	16.200	.11056	.11105	.97855	.44277	-.10390	.67565	7.73286	.97855	3576.22000	98.89500
	GRADIENT	-.00000	.02226	.04419	.06025	-.04197	.27992	2.03367	.04419	-.25911	-.02223

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.250	-3.986	.04782	-.02322	.50186	-.82226	.95872	-4.10719	-30.21030	.50186	2285.57001	100.14800
.251	-2.079	.04761	.00985	.62452	-.67599	.91245	-3.13743	-27.11890	.62452	2285.54999	100.75600
.251	-.007	.04722	.05918	.74030	-.51421	.84223	-2.35377	-23.00830	.74030	2283.84000	100.95700
.252	1.932	.04728	.11258	.83514	-.38796	.76515	-1.78350	-18.73720	.83514	2282.13000	101.26000
.253	3.917	.04702	.14379	.90443	-.27708	.66532	-1.32675	-14.57250	.90443	2281.37000	102.57500
.254	5.951	.04749	.15284	.95797	-.16099	55686	-.94449	-10.66280	.95797	2283.35999	102.77800
.253	7.977	.04765	.15623	.99280	-.02747	.43260	-.58219	-6.68943	.99280	2288.67999	102.27600
.252	10.002	.04759	.16302	1.01167	.10582	.31032	-.25448	-2.94995	1.01167	2285.92001	101.36300
.251	11.976	.04770	.16847	.00000	.21572	.18798	-.13747	-1.59616	.00000	2279.35999	100.44800
.252	13.990	.04751	.14819	1.01096	.34463	.05881	.35321	4.08527	1.01096	2276.92999	101.05400
.253	16.030	.04821	.12661	.98842	.46405	-.08145	.68435	7.82944	.98842	2280.00000	101.76400
	GRADIENT	-.00010	.02205	.05125	.06956	-.03705	.34884	2.00147	.05125	-.59737	.27004

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.399	-1.885	.08248	.02879	.67910	-.65443	.93267	-2.93917	-26.25920	.67910	1659.14999	184.50900
.399	.013	.08249	.06754	.78533	-.49989	.86397	-2.26072	-22.38630	.78533	1659.86000	185.42500
.401	1.980	.08196	.11677	.87068	-.39249	.77728	-1.72462	-18.23530	.87068	1660.59000	186.59700
.400	3.996	.08186	.15434	.93780	-.28452	.68972	-1.32514	-14.55680	.93780	1657.03999	185.79700
.401	5.974	.08179	.16146	.98884	-.15937	.58348	-.95631	-10.78860	.98884	1654.58000	186.02900
.400	8.006	.08143	.15801	1.02116	-.02863	.45765	-.60284	-6.92130	1.02116	1655.36000	185.31200
.401	10.007	.08146	.17630	1.03852	.10809	.33116	-.27240	-3.15671	1.03852	1656.36000	186.42900
.400	12.047	.08106	.17630	1.04095	.23453	.19835	.04387	.50898	1.04095	1658.39999	185.37800
.399	14.037	.08164	.16148	1.03652	.35298	.07374	.33923	3.92484	1.03652	1660.00999	184.91300
.399	16.028	.08161	.13883	1.01509	.47388	-.06373	.66371	7.60006	1.01509	1660.12000	184.99900
	GRADIENT	-.00012	.02171	.04386	.06198	-.04161	.27378	2.00135	.04386	-.29182	.25425

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.600	-1.874	-.04319	.05438	.75349	-.66411	.96526	-2.70251	-25.07930	.75349	1658.80000	418.68300
.600	.028	-.04294	.08989	.85214	-.48759	.89684	-2.13807	-21.52120	.85214	1658.00999	418.32100
.601	2.030	-.04326	.13144	.93402	-.36687	.80922	-1.64985	-17.58250	.93402	1656.99001	419.58200
.601	4.126	-.04440	.16890	.99877	-.25044	.71374	-1.25689	-13.88400	.99877	1657.10001	419.07100
.602	6.079	-.04259	.18406	1.04530	-.12444	.60158	-.89997	-10.18670	1.04530	1658.06000	420.38000
.602	8.055	-.04281	.19202	1.07646	.00970	.48513	-.57346	-6.59129	1.07646	1657.36000	420.62000
.601	10.054	-.04134	.19958	1.09186	.14035	.36283	-.26478	-3.06874	1.09186	1658.89000	419.37100
.601	12.077	-.04001	.19806	1.09554	.26916	.24155	.03287	.38125	1.09554	1658.98000	419.71700
.600	14.076	-.03673	.18764	1.09075	.38894	.11046	.33112	3.83160	1.09075	1660.49001	418.72400
.600	16.039	-.03301	.16259	1.07382	.50748	-.01913	.63474	7.27703	1.07382	1659.89999	418.45200
	GRADIENT	-.00020	.01925	.04079	.06791	-.04216	.24073	1.87573	.04079	-.30370	.12089

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.700	-2.035	-.00730	.07132	.79193	-.67596	1.00213	-2.66852	-24.89530	.79193	1515.63000	520.30700
.699	.139	-.01408	.10832	.89760	-.46966	.92670	-2.06697	-21.14590	.89760	1525.74001	522.41100
.700	2.072	-.00653	.14565	.97383	-.35822	.84584	-1.64934	-17.57800	.97383	1525.21001	523.84100
.701	4.008	.00230	.18455	1.03279	-.23987	.75071	-1.27427	-14.05640	1.03279	1525.67999	524.90800
.701	6.043	-.00304	.20291	1.08036	-.10171	.64283	-.91942	-10.39530	1.08036	1524.21001	524.20300
.701	8.045	-.00475	.21223	1.11157	.03522	.53183	-.59974	-6.88654	1.11157	1524.80000	524.30800
.701	10.045	.01324	.21588	1.12722	.16470	.41572	-.29990	-3.47353	1.12722	1526.47000	525.26300
.699	12.024	.00462	.21783	1.13030	.28598	.29593	-.01186	-.13819	1.13030	1526.35001	522.19300
.699	14.070	.01986	.20694	1.12612	.41560	.16226	.30260	3.50365	1.12612	1528.34000	522.19300
.698	16.050	.03820	.19384	1.11149	.53255	.03025	.60511	6.94542	1.11149	1528.46001	521.30900
	GRADIENT	.00176	.01877	.03993	.07103	-.04154	.23078	1.79796	.03993	1.51067	.76193

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OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.800	-3.954	.04038	.08756	.75698	-.69162	1.08815	-3.14033	-27.13070	.76501	1390.09000	622.41000
.800	-1.973	.04221	.10491	.85669	-.63546	1.03245	-2.50289	-23.94380	.86489	1390.19000	622.71700
.800	-.059	.04052	.13438	.94100	-.45663	.96444	-2.04000	-20.79280	.95051	1387.23000	621.32300
.800	1.946	.03434	.17513	1.01743	-.30406	.87381	-1.59047	-17.05190	1.02545	1385.75000	620.70200
.800	3.976	.03163	.22034	1.07682	-.17647	.78947	-1.24139	-13.72950	1.08462	1388.52000	621.63200
.799	6.001	.03136	.23820	1.12117	-.03707	.68586	-.90059	-10.19340	1.12712	1388.03000	620.99900
.800	7.989	.03248	.24728	1.15094	.08982	.58236	-.60206	-6.91254	1.15418	1387.32001	621.93100
.800	9.976	.03421	.24998	1.16642	.22008	.46756	-.30006	-3.47540	1.16860	1388.82001	621.65100
.800	12.010	.03508	.25097	1.17086	.34697	.33780	.01104	.12771	1.17234	1388.02000	621.82500
.800	14.004	.03785	.24418	1.16904	.46396	.21273	.30327	3.51133	1.16677	1387.52000	621.71800
.800	15.992	.04120	.23666	1.15638	.58340	.08593	.60808	6.97868	1.15277	1386.84000	620.99700
	GRADIENT	-.00129	.01700	.04043	.06883	-.03824	.23794	1.70363	.04040	-.37895	-.17891

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.850	-4.019	.09121	.11288	.80086	-.66221	1.10827	-3.00872	-26.57350	.81148	1322.34000	668.92000
.849	-2.012	.03418	.12957	.89543	-.58554	1.04897	-2.44677	-23.60060	.89974	1322.56000	667.77800
.850	-.045	.09397	.15859	.97721	-.41252	.98417	-2.00640	-20.53590	.98194	1318.20000	667.14200
.850	1.982	.03182	.19964	1.04964	-.25768	.90165	-1.58231	-16.97820	1.05467	1319.50000	666.59300
.850	3.930	.03660	.24495	1.10372	-.13194	.81474	-1.23197	-13.63540	1.10982	1321.46001	668.27100
.850	5.964	.09852	.26100	1.14741	.00713	.71570	-.89697	-10.15450	1.15137	1320.08000	667.72600
.850	7.991	.10075	.26831	1.17569	.13735	.60967	-.58717	-6.74536	1.17792	1318.99001	667.20500
.850	9.991	.10357	.27303	1.19047	.25978	.49882	-.29417	-3.40757	1.19190	1318.88000	667.77600
.850	12.013	.04696	.27306	1.19404	.38592	.37090	.01837	.21286	1.19601	1323.24001	668.62900
.849	14.018	.05126	.26653	1.19245	.50143	.25176	.30645	3.54791	1.19132	1321.17999	667.30600
.850	16.010	.05727	.26132	1.17998	.61813	.13238	.60579	6.95310	1.17710	1318.41000	666.50700
	GRADIENT	-.00564	.01679	.03821	.06979	-.03691	.22215	1.63375	.03779	-.24247	-.12581

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.899	-1.933	.13339	.15869	.94145	-.50630	1.07147	-2.39471	-23.27270	.94145	1270.39999	718.37300
.900	-.054	.09408	.18427	1.01293	-.37726	1.01227	-1.99811	-20.47200	1.01293	1266.62000	717.87000
.900	1.933	.12022	.22343	1.08052	-.21192	.93759	-1.60168	-17.15290	1.08052	1265.94000	717.17700
.900	3.933	.07374	.27493	1.13434	-.08377	.85109	-1.24535	-13.76900	1.13434	1265.81000	718.48900
.900	5.933	.08423	.29025	1.17470	.04958	.75685	-.91676	-10.36680	1.17470	1266.00999	718.57800
.899	7.938	.11119	.29425	1.20137	.16842	.65309	-.61304	-7.03557	1.20137	1266.92999	717.55100
.900	9.976	.08633	.29868	1.21677	.29294	.54953	-.32254	-3.73413	1.21677	1266.02000	718.30600
.900	11.997	.06858	.29932	1.22109	.41311	.42728	-.01769	-.20596	1.22109	1266.31000	718.46700
.900	14.015	.12082	.29317	1.21871	.53059	.31204	.27409	3.17512	1.21871	1267.41000	718.57300
.900	15.994	.10687	.28766	1.20714	.64008	.20826	.55151	6.34268	1.20714	1266.53000	717.44300
.900	18.001	.11208	.28017	1.18063	.74642	.07057	.87530	9.91964	1.18063	1266.72000	717.88000
	GRADIENT	-.00778	.01984	.03297	.07317	-.03761	.19620	1.62592	.03297	-.73131	-.01531

RUN NO. 236/.0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.950	-3.991	.02209	.19433	.89110	-.53387	1.15771	-2.87435	-25.95330	.90043	1184.75999	748.61200
.950	-2.011	.06000	.20727	.97265	-.43768	1.10425	-2.39620	-23.28220	.97677	1185.16000	748.45800
.950	.026	.02621	.22711	1.04726	-.29594	1.03722	-1.95315	-20.12100	1.05321	1184.55000	749.12400
.951	1.927	.02801	.26354	1.10919	-.14194	.96805	-1.58023	-16.95940	1.11547	1184.16000	749.07700
.950	3.960	.03426	.31280	1.16123	-.01631	.88222	-1.22153	-13.53080	1.16853	1184.86000	748.95800
.950	5.989	.03247	.33035	1.20147	.10844	.78808	-.89614	-10.14570	1.20667	1184.95000	749.03600
.950	7.985	.08217	.33506	1.22805	.22963	.69068	-.59820	-6.86923	1.23088	1185.27000	748.26900
.949	9.968	.08615	.33863	1.24239	.34634	.58582	-.30787	-3.56527	1.24394	1185.17000	747.92400
.950	12.032	.07405	.33962	1.24658	.46921	.46508	.00529	.06090	1.24812	1184.77000	748.34500
.950	14.000	.01458	.33387	1.24548	.57670	.35981	.27950	3.23750	1.24425	1184.08000	748.06400
.950	15.959	.03634	.32854	1.23511	.68214	.24307	.57069	6.55875	1.23198	1184.57001	748.18800
.950	18.010	.01165	.32109	1.21004	.78817	.12844	.88208	9.99271	1.20622	1180.24001	745.74300
	GRADIENT	-.00039	.01477	.03411	.06706	-.03463	.20776	1.57083	.03402	-.04002	.06630

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.978	-1.951	.03949	.22827	1.00020	-.38376	1.11941	-2.37704	-23.15920	1.00020	1153.83000	772.87200
.979	.004	.02178	.24994	1.07038	-.26288	1.06523	-1.98460	-20.36720	1.07038	1151.14999	772.39600
.980	1.929	.04838	.28631	1.13122	-.11036	.98816	-1.58673	-17.01820	1.13122	1151.12000	773.82900
.980	3.952	.02860	.33321	1.18136	.01334	.90597	-1.23683	-13.68400	1.18136	1153.67999	775.14000
.980	5.970	.02823	.34682	1.21969	.13460	.81672	-.91679	-10.36710	1.21969	1153.20000	774.62000
.979	7.957	.02060	.35229	1.24525	.25370	.71825	-.61184	-7.02212	1.24525	1152.53000	773.35700
.977	9.994	.00535	.35350	1.25893	.37031	.61125	-.31366	-3.63198	1.25893	1154.14999	771.86700
.980	12.005	.06057	.35665	1.26452	.48200	.50332	-.02763	-.32137	1.26452	1151.23000	773.38600
.977	13.977	-.01122	.34944	1.26167	.59127	.39329	.25731	2.98162	1.26167	1156.21001	773.30900
.978	16.022	.03146	.34508	1.25099	.69775	.28670	.54173	6.23234	1.25099	1154.82001	772.80400
.978	18.021	-.00828	.33834	1.22759	.80086	.16900	.85081	9.65506	1.22759	1157.95000	775.62600
	GRADIENT	-.00034	.01791	.03076	.06841	-.03655	.19440	1.61837	.03076	-.01990	.42035

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.050	-4.011	-.04137	.29290	.98286	-.36264	1.21576	-2.74311	-25.29430	1.00197	945.94900	730.22800
1.050	-2.006	-.03995	.30661	1.05827	-.26781	1.16392	-2.32937	-22.84800	1.06270	945.74900	730.25700
1.050	-.055	-.05610	.32035	1.12331	-.15389	1.10155	-1.92431	-19.89230	1.12624	946.24700	730.21600
1.050	1.946	-.05909	.34974	1.18116	-.00195	1.03127	-1.53954	-16.58850	1.18579	945.35800	729.88500
1.050	3.967	-.03072	.39745	1.22911	.11391	.95348	-1.19803	-13.29430	1.23450	946.05100	730.06100
1.050	5.950	-.02846	.41212	1.26497	.22887	.86732	-.88535	-10.02960	1.26922	947.22600	731.11400
1.050	8.010	-.04364	.41649	1.28978	.34342	.77233	-.58406	-6.71046	1.29225	946.44900	730.06400
1.050	9.991	-.02923	.42033	1.30293	.44923	.67069	-.29767	-3.44793	1.30391	945.75000	730.19600
1.050	11.987	-.05063	.42072	1.30695	.56155	.56636	-.00646	-.07555	1.30750	946.15100	730.01600
1.050	14.029	-.04983	.41451	1.30561	.66487	.46474	.27071	3.13612	1.30407	946.92700	731.12600
1.049	15.995	-.05507	.40697	1.29599	.75671	.35777	.54202	6.23557	1.29328	948.13200	730.46300
1.050	17.990	-.04488	.40136	1.27581	.85924	.25451	.84692	9.61291	1.27091	947.12100	731.40300
	GRADIENT	.00013	.01268	.03090	.06123	-.03302	.19484	1.52002	.02953	-.00941	-.03540

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 935.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.101	-1.969	.03297	.34799	1.10168	-.17945	1.19801	-2.32523	-22.82060	1.10168	890.06900	755.44700
1.099	.055	-.02458	.36043	1.16544	-.08673	1.13841	-1.91548	-19.82180	1.16544	889.62200	752.42500
1.099	2.012	-.02394	.38716	1.21870	.05107	1.06982	-1.54766	-16.66290	1.21870	892.38000	753.83600
1.101	4.037	.03866	.43353	1.26497	.16822	.99762	-1.21605	-13.47580	1.26497	889.96800	755.54500
1.098	6.006	-.02105	.44406	1.29659	.27743	.91531	-.91098	-10.30490	1.29659	892.88500	753.34400
1.101	8.047	.03941	.44748	1.32085	.38539	.82158	-.60804	-6.97961	1.32085	894.08500	758.92200
1.098	10.017	-.03499	.45173	1.33282	.49110	.72599	-.32431	-3.75444	1.33282	904.82600	764.10200
1.102	12.052	.02985	.45277	1.33787	.59530	.63398	-.05348	-.62152	1.33787	899.55000	764.84700
1.099	14.010	-.01494	.44474	1.33506	.69473	.52567	.23323	2.70347	1.33506	902.64700	763.74200
1.100	16.025	.03519	.43964	1.32781	.78917	.43758	.49212	5.67086	1.32781	901.84100	764.41000
1.100	18.045	.03500	.43266	1.30844	.88303	.33663	.78212	8.90724	1.30844	902.82300	765.12700
	GRADIENT	.00089	.01419	.02719	.05909	-.03353	.18499	1.56147	.02719	.12008	.08399

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.149	-3.934	.03267	.35323	1.07950	-.21105	1.26836	-2.66969	-24.90170	1.08281	837.06800	774.21100
1.150	-1.988	.03226	.36617	1.14362	-.12135	1.21804	-2.23216	-22.18940	1.14839	839.90300	776.97700
1.148	.000	.03353	.37601	1.20226	-.01590	1.15688	-1.83214	-19.14340	1.21060	832.79200	768.20500
1.150	1.998	.03197	.39597	1.25472	.11029	1.08869	-1.47331	-15.97450	1.26358	835.10300	772.93100
1.150	4.013	.05268	.44719	1.29835	.22253	1.01513	-1.15477	-12.85560	1.30520	838.22200	776.65700
1.150	6.026	.03196	.45852	1.33037	.33229	.93255	-.85456	-9.69730	1.33484	831.77800	769.71900
1.149	8.010	.03001	.46526	1.35084	.43020	.84730	-.58345	-6.70358	1.35364	834.52500	771.73600
1.149	10.080	.02214	.47019	1.36322	.53445	.74690	-.29361	-3.40114	1.36424	836.77800	773.69800
1.150	12.022	.02363	.47250	1.36693	.62827	.65742	-.04021	-.46750	1.36758	839.21500	776.54300
1.146	14.094	.04003	.46515	1.36478	.72790	.56436	.22741	2.63632	1.36526	838.30400	771.17100
1.147	16.036	.03201	.46049	1.35785	.81776	.46559	.49219	5.67164	1.35720	840.05700	773.36000
1.149	18.044	.03111	.45819	1.34309	.91012	.37606	.76586	8.72911	1.34043	839.33200	775.39000
	GRADIENT	.00201	.01097	.02759	.05529	-.03200	.19050	1.52474	.02815	-.12371	.04550

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.199	-1.874	.06219	.36225	1.19151	-.03606	1.22547	-2.11383	-21.34420	1.19151	788.51000	793.69700
1.200	.013	.05093	.36580	1.24456	.03884	1.17229	-1.77378	-18.65510	1.24456	789.56300	796.37700
1.199	2.024	.06468	.38216	1.29037	.15320	1.11034	-1.45328	-15.78640	1.29037	789.68300	794.85600
1.198	4.065	.06276	.43887	1.32968	.26352	1.04203	-1.15009	-12.80790	1.32968	790.77800	794.49400
1.200	5.985	.05268	.45655	1.36182	.36506	.96754	-.86623	-9.82342	1.36182	788.39200	795.11200
1.198	8.062	.06082	.46940	1.37998	.46051	.88127	-.59337	-6.81507	1.37998	793.91400	797.01400
1.198	10.072	.06415	.47757	1.39214	.55883	.79330	-.32744	-3.79037	1.39214	792.04500	795.99900
1.198	12.020	.07192	.48027	1.39425	.64828	.70407	-.07770	-.90277	1.39425	791.66300	794.93600
1.201	13.911	.05199	.47547	1.39508	.74072	.62662	.16039	1.86070	1.39508	788.27700	796.25800
1.199	16.059	.06624	.47394	1.38869	.83446	.53694	.42323	4.88677	1.38869	789.29300	794.38100
1.200	18.069	.06521	.46786	1.37538	.92048	.44485	.68662	7.85468	1.37538	790.35900	796.15400
	GRADIENT	.00081	.01251	.02318	.05115	-.03090	.16184	1.43624	.02318	.34870	.03666

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.301	-2.099	.02084	.18792	1.26427	.06645	1.28570	-2.07285	-21.04040	1.26427	636.11900	753.86900
1.299	-.054	.02245	.22030	1.31807	.15033	1.22457	-1.70346	-18.05230	1.31807	638.78100	754.47100
1.300	1.992	.01930	.27934	1.36013	.25304	1.16430	-1.39878	-15.26890	1.36013	638.47600	755.29100
1.301	3.918	.02128	.33887	1.38940	.34742	1.10575	-1.14412	-12.74690	1.38940	637.97400	755.99600
1.299	6.013	.02304	.35806	1.41664	.44562	1.03057	-.86205	-9.7783.	1.41664	639.56400	755.17000
1.300	7.959	.02137	.35084	1.43713	.53312	.96181	-.62159	-7.13136	1.43713	639.35400	756.36300
1.301	9.958	.02969	.37931	1.44831	.62045	.87534	-.36391	-4.20917	1.44831	638.56700	756.00100
1.299	12.010	.03138	.44904	1.45372	.70999	.79649	-.12349	-1.43396	1.45372	638.87300	755.13300
1.299	14.013	.03011	.51998	1.45035	.79897	.71391	.12258	1.42245	1.45035	637.31600	752.81400
1.300	15.979	.02479	.46013	1.44569	.88128	.63063	.36340	4.20225	1.44569	638.18700	754.61200
1.298	18.014	.02671	.45983	1.42962	.96235	.54502	.61740	7.08312	1.42962	639.96100	755.01100
	GRADIENT	-.00009	.02543	.02080	.04704	-.02986	.15394	1.37699	.02080	.26556	.35820

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.401	-1.978	-.03899	.13482	1.33352	.17028	1.31776	-1.94655	-20.06890	1.33352	548.53900	753.20800
1.401	.046	-.04466	.16279	1.37142	.24826	1.26430	-1.65171	-17.59890	1.37142	547.17300	751.52900
1.399	1.976	-.04320	.19644	1.40751	.33370	1.21329	-1.38733	-15.15910	1.40751	550.31000	753.78400
1.398	3.877	-.04274	.24447	1.44250	.42197	1.15616	-1.12359	-12.53670	1.44250	549.24900	751.17900
1.400	5.875	-.04540	.25676	1.47387	.51888	1.08981	-.85274	-9.67761	1.47387	549.41800	754.10900
1.399	7.959	-.04244	.26367	1.49359	.61319	1.02061	-.60208	-6.91272	1.49359	548.45700	751.41500
1.401	9.928	-.04313	.27671	1.49234	.69179	.93883	-.36489	-4.22037	1.49234	546.59000	750.53400
1.399	11.970	-.03625	.28010	1.50428	.77027	.86411	-.13658	-1.58583	1.50428	549.33100	752.97300
1.400	13.987	-.03894	.28617	1.50687	.84824	.78847	.08681	1.00748	1.50687	548.83600	753.11400
1.401	15.964	-.04001	.29092	1.50496	.93113	.71608	.31563	3.65349	1.50496	546.68100	751.31900
1.398	17.979	-.03897	.28789	1.49019	1.00465	.63305	.55352	6.36536	1.49019	549.82700	752.65600
	GRADIENT	-.00051	.01856	.01862	.04308	-.02747	.14021	1.28362	.01862	.26811	-.19650

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.550	-3.908	-.12939	.16160	1.35483	.20090	1.40775	-2.19042	-21.89660	1.35529	406.14000	683.23800
1.550	-1.938	-.13664	.17371	1.40573	.27792	1.36279	-1.84016	-19.20970	1.40991	405.07000	681.33500
1.549	.101	-.13415	.20763	1.45393	.35695	1.31997	-1.55475	-16.72760	1.45787	405.46800	681.34000
1.549	2.006	-.13436	.22913	1.49061	.43625	1.27450	-1.31117	-14.42000	1.49469	405.95300	682.26300
1.551	4.041	-.13181	.26785	1.52376	.52881	1.21696	-1.05386	-11.81530	1.52587	405.25900	682.19800
1.550	6.042	-.13033	.29901	1.54808	.61627	1.15537	-.81294	-9.24539	1.54897	405.46500	681.52700
1.550	8.071	-.12786	.32792	1.56529	.69660	1.09010	-.56534	-6.72483	1.56561	404.78200	680.49000
1.550	10.068	-.12125	.33625	1.57680	.77132	1.01427	-.35545	-4.11209	1.57630	405.56000	681.95900
1.550	12.078	-.11810	.34557	1.57985	.84510	.94835	-.15059	-1.74923	1.58232	405.85200	682.43000
1.549	14.111	-.12056	.34900	1.58205	.92899	.87816	.07464	.86623	1.58448	405.46800	681.34000
1.550	16.076	-.12176	.35061	1.58474	1.01133	.79832	.31390	3.63359	1.58343	405.16700	681.54200
	GRADIENT	-.00013	.01351	.02131	.04103	-.02368	.14123	1.25759	.02147	-.04468	-.05867

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OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.199	-1.834	1.95535	-.02847	.67510	-.64595	.94735	-3.03833	-26.70300	.67510	3575.89001	99.51940
.201	.185	2.04675	.04766	.78748	-.45098	.83876	-2.17280	-21.77130	.78748	3575.29999	101.07900
.201	2.159	2.06043	.07766	.86183	-.35955	.77718	-1.74074	-18.37380	.86183	3576.17001	100.71500
.200	4.155	2.01016	.10030	.92542	-.26074	.70502	-1.37323	-15.02340	.92542	3575.75000	100.53800
.200	6.093	1.97849	.10200	.96973	-.15910	.60592	-1.02505	-11.51420	.96973	3576.19000	100.20500
.200	7.827	1.79194	.11432	.99630	-.04549	.50722	-.72208	-8.24866	.99630	3574.98001	99.91500
.200	9.847	1.70553	.12127	1.00495	.08726	.37617	-.37362	-4.32042	1.00495	3570.16000	99.74120
.200	11.799	1.82293	.12080	1.00712	.20924	.25502	-.05907	-.68648	1.00712	3575.91000	99.78960
.200	13.699	1.80752	.11101	1.00060	.32620	.11745	.26805	3.10552	1.00060	3576.54001	99.75810
.199	15.718	1.83309	.08682	.97659	.43693	-.02775	.60191	6.90952	.97659	3572.32001	99.38630
	GRADIENT	.00897	.02090	.04140	.06258	-.03956	.27235	1.92802	.04140	.02206	.13582

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.252	-2.013	1.92393	-.01303	.67748	-.63807	.92647	-2.93385	-26.23450	.67748	2280.82001	101.36000
.252	.002	2.04735	.04036	.78129	-.47394	.87103	-2.30799	-22.70600	.78129	2281.82001	101.36100
.252	1.995	2.07041	.08857	.86216	-.33768	.80054	-1.80463	-18.91450	.86216	2282.10999	101.66400
.252	3.987	2.07997	.10391	.92696	-.24074	.71393	-1.38285	-15.11600	.92696	2283.03000	101.26000
.251	6.020	2.10500	.10664	.97628	-.12527	.61233	-1.00663	-11.32070	.97628	2284.07001	100.35000
.250	7.934	2.00625	.11101	1.00356	-.01332	.51327	-.69878	-7.99095	1.00356	2285.97000	100.35100
.250	9.843	1.69448	.13337	1.01284	.12296	.37248	-.32612	-3.77526	1.01284	2284.98001	99.94540
.251	11.909	1.88358	.12697	.00030	.23938	.25466	.06187	.71796	.00000	2281.45999	100.44900
.251	13.898	1.92431	.10560	1.00801	.35395	.12954	.29286	3.39147	1.00801	2283.84000	100.85600
.252	15.921	1.93182	.08653	.98251	.47668	-.04784	.68290	7.81334	.98251	2287.01999	101.36400
	GRADIENT	.02461	.01997	.04149	.06646	-.03541	.25798	1.85800	.04149	.34624	.00021

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.400	-1.936	2.04605	.00040	.72373	-.64157	.95407	-2.81181	-25.64600	.72373	1657.78000	186.13400
.401	.022	2.05671	.04241	.81920	-.47811	.89193	-2.23758	-22.22690	.81920	1656.50000	186.47700
.401	2.016	2.04142	.09035	.89778	-.34296	.82140	-1.76803	-18.60640	.89778	1656.34000	186.53300
.401	4.002	2.04299	.11341	.95980	-.24172	.73257	-1.36383	-14.93270	.95980	1655.83000	186.72900
.402	5.965	2.05162	.11666	1.00200	-.13715	.63647	-1.02828	-11.54800	1.00200	1655.70000	186.93700
.400	7.900	1.94379	.12068	1.02908	-.01922	.52903	-.70818	-8.09493	1.02908	1656.61000	185.91800
.399	9.957	1.83495	.13888	1.03857	.11495	.40351	-.37026	-4.28200	1.03857	1657.13000	185.06700
.399	11.830	1.83907	.14457	1.04131	.23516	.28313	-.06133	-.71264	1.04131	1656.31000	184.99500
.398	13.838	1.85170	.12490	1.03275	.35192	.14954	.25879	2.93868	1.03275	1657.87000	183.74100
.398	15.862	1.87664	.10240	1.01185	.47132	.00695	.60095	6.69881	1.01185	1658.03999	183.49500
	GRADIENT	-.00124	.01953	.03971	.06737	-.03712	.24296	1.80562	.03971	-.30299	.09285

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.600	-1.926	1.95809	.01909	.78694	-.65015	.99261	-2.66806	-24.89280	.78694	1660.70000	418.47100
.600	.080	1.95860	.05354	.88383	-.45908	.93348	-2.15357	-21.63340	.88383	1658.91000	418.34200
.601	2.085	1.96682	.10079	.95773	-.33515	.85499	-1.70553	-18.07020	.95773	1658.59000	419.10700
.601	4.085	1.97066	.13013	1.01646	-.21984	.76256	-1.31848	-14.49160	1.01646	1658.77000	420.05400
.601	7.998	1.95717	.15083	1.08234	.00189	.56441	-.70387	-8.04724	1.08234	1658.38000	419.70200
.601	10.061	1.89968	.15723	1.09335	.14827	.43996	-.36496	-4.22124	1.09335	1658.39999	419.01600
.601	11.884	1.93373	.15539	1.09379	.26262	.32197	-.07404	-.86025	1.09379	1659.10001	418.86200
.601	13.886	1.98200	.14556	1.08864	.38945	.19449	.24473	2.83628	1.08864	1659.19000	418.95000
.600	15.897	2.01520	.12648	1.06839	.50809	.05630	.57466	6.60347	1.06839	1660.31000	418.20500
.598	17.853	2.00446	.10890	1.03108	.61443	-.08313	.91133	10.30680	1.03108	1662.03999	416.52900
	GRADIENT	.00229	.01898	.03806	.07062	-.03836	.22444	1.73518	.03806	-.30507	.27514

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.698	-1.959	2.00075	.03287	.83241	-.64706	1.02703	-2.60586	-24.54610	.83241	1527.86000	521.44700
.700	.082	1.98223	.06994	.92590	-.46645	.96113	-2.10382	-21.27050	.92590	1528.19000	524.44600
.700	2.041	2.00788	.11639	.99761	-.32462	.88744	-1.69235	-17.95570	.99761	1526.11000	523.63600
.701	4.095	1.99505	.14959	1.05392	-.20224	.79427	-1.31483	-14.45590	1.05392	1526.08000	525.24700
.701	6.090	2.02958	.15964	1.09476	-.08683	.70095	-1.00011	-11.25200	1.09476	1524.39999	524.53400
.702	7.969	1.97410	.16579	1.11745	.03554	.60286	-.71071	-8.12293	1.11745	1524.97000	525.68500
.702	10.040	1.87970	.17084	1.12878	.17141	.48143	-.38638	-4.46665	1.12878	1527.53999	526.35400
.700	11.880	1.90655	.17221	1.12965	.28906	.36797	-.09850	-1.14408	1.12965	1526.32001	523.40200
.700	13.862	1.93882	.16343	1.12445	.41767	.23687	.22679	2.62912	1.12445	1527.39999	523.93000
.700	15.860	1.95279	.15781	1.10759	.53714	.09823	.55565	6.38944	1.10759	1527.69000	524.26500
.700	17.910	1.97817	.13700	1.07117	.65117	-.04083	.90339	10.22170	1.07117	1527.52000	523.20900
	GRADIENT	.00039	.01970	.03658	.07336	-.03837	.21293	1.66915	.03658	-.36686	.52876

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.800	-3.939	2.03094	.04395	.79726	-.62735	1.10639	-3.10854	-27.00040	.79726	1389.10001	622.49700
.800	-2.045	2.07342	.06170	.88908	-.60513	1.06042	-2.51810	-24.03500	.88908	1386.25999	620.28200
.800	.000	2.05554	.09726	.97421	-.43464	.99436	-2.05807	-20.92950	.97421	1388.22000	621.76300
.799	1.978	2.05768	.14553	1.04080	-.27761	.92064	-1.66590	-17.72410	1.04080	1389.71001	621.55800
.800	3.989	2.08144	.18299	1.09527	-.15619	.83399	-1.30913	-14.40000	1.09527	1387.53000	621.34300
.800	6.006	2.10920	.19184	1.13471	-.03315	.73982	-.98925	-11.13750	1.13471	1388.89999	622.18300
.800	7.947	2.06394	.19662	1.15802	.08569	.65504	-.72284	-8.25704	1.15802	1388.81000	621.87600
.800	10.017	1.85387	.20520	1.16864	.22289	.53339	-.39280	-4.54009	1.16864	1390.19000	622.34200
.800	11.941	1.88748	.20376	1.17017	.34475	.41745	-.09213	-1.07024	1.17017	1391.17999	622.85600
.800	13.904	1.91571	.19830	1.16745	.46424	.28222	.22918	2.65667	1.16745	1390.28999	622.64800
.800	15.895	1.91011	.19448	1.15089	.58701	.15029	.55830	6.41927	1.15089	1389.98000	622.85500
.798	17.981	1.94270	.18191	1.11688	.69819	.02889	.88845	10.06130	1.11688	1389.56000	619.66500
.798	18.963	1.95260	.17272	1.09423	.74912	-.05530	1.07641	12.04770	1.09423	1392.11000	621.10800
	GRADIENT	.00425	.01823	.03759	.06400	-.03447	.22370	1.58533	.03759	.01863	-.04928

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.849	-3.974	2.05947	.07002	.83891	-.58355	1.12656	-3.01392	-26.59640	.83891	1314.78999	663.68200
.850	-2.002	2.09662	.08805	.92816	-.55193	1.07857	-2.45247	-23.63600	.92816	1322.92999	669.11200
.851	-.034	2.11406	.11764	1.00581	-.40586	1.01562	-2.02799	-20.70150	1.00581	1317.89000	667.55300
.851	1.965	2.12168	.16977	1.07159	-.23703	.94148	-1.63828	-17.47990	1.07159	1321.03000	669.68600
.850	3.993	2.08435	.20646	1.12134	-.11582	.85760	-1.29711	-14.28190	1.12134	1320.78000	667.34700
.850	5.964	2.14451	.21525	1.16012	.00482	.77173	-.99361	-11.18360	1.16012	1319.47000	667.96800
.849	7.944	2.05393	.21948	1.18185	.12189	.68627	-.72564	-8.28795	1.18185	1320.69000	667.04900
.849	10.033	1.84843	.22791	1.19193	.25727	.56346	-.39177	-4.52832	1.19193	1321.28000	667.09600
.850	11.921	1.83561	.22647	1.19377	.37892	.45406	-.09667	-1.12288	1.19377	1319.19000	667.43800
.850	13.923	1.91607	.22083	1.19001	.49721	.32172	.22483	2.60650	1.19001	1318.61000	666.52200
.850	15.908	1.90609	.21863	1.17507	.61422	.19690	.54232	6.23006	1.17507	1318.71001	666.53000
.849	17.942	1.92925	.20870	1.14394	.72205	.06524	.87541	9.92080	1.14394	1321.67999	667.20000
	GRADIENT	.00372	.01783	.03557	.06287	-.03394	.21334	1.54715	.03557	.50548	.39454

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.900	-3.941	2.05678	.10756	.88309	-.53327	1.14962	-2.92723	-26.20380	.88309	1249.58000	709.25200
.900	-2.084	2.07112	.12016	.96186	-.49401	1.10383	-2.43220	-23.50980	.96186	1251.46001	709.92200
.900	-.046	2.11651	.14437	1.03745	-.36720	1.04143	-2.01137	-20.57410	1.03745	1251.37000	709.28600
.900	1.976	2.08994	.19863	1.10076	-.18821	.96847	-1.62770	-17.38580	1.10076	1251.17000	709.61500
.900	3.982	2.10629	.23820	1.14950	-.06931	.88584	-1.28859	-14.19790	1.14950	1250.78000	708.95000
.899	5.913	2.16409	.24406	1.18454	.04721	.80633	-1.00178	-11.26970	1.18454	1249.14000	706.69900
.900	7.882	2.02661	.25092	1.20709	.16153	.72134	-.73116	-8.34880	1.20709	1250.89000	708.54200
.900	10.011	1.84314	.25804	1.21771	.29564	.60468	-.40262	-4.65241	1.21771	1251.27000	709.48500
.900	11.896	1.82934	.25768	1.21898	.41316	.48691	-.09591	-1.11404	1.21898	1251.77000	709.32400
.900	13.993	1.90688	.25090	1.21602	.53615	.36324	.22562	2.61559	1.21602	1251.25999	709.90300
.900	15.923	1.87736	.24837	1.20196	.64377	.24925	.52223	6.01202	1.20196	1252.27000	709.44200
.900	17.912	1.87469	.24265	1.17430	.74697	.12129	.84532	9.59555	1.17430	1251.67000	709.59300
	GRADIENT	.00589	.01712	.03371	.06214	-.03334	.20482	1.51436	.03371	.10261	-.04707

RUN NO. 37/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.950	-4.053	2.03607	.15167	.92126	-.48850	1.18455	-2.91860	-26.16350	.92126	1185.14999	748.99200
.949	-1.984	2.10660	.16436	1.00258	-.42511	1.12988	-2.39155	-23.25250	1.00258	1183.60001	746.93800
.949	-.008	2.07007	.18270	1.07061	-.31337	1.06942	-1.99655	-20.45980	1.07061	1182.82001	746.31100
.951	2.023	2.04860	.23529	1.13208	-.13502	1.00164	-1.62665	-17.37650	1.13208	1184.05000	749.19900
.950	3.944	2.10564	.27430	1.17724	-.02466	.92221	-1.29981	-14.30840	1.17724	1185.75000	749.06200
.950	6.031	2.08938	.28177	1.21411	.09973	.84280	-1.00030	-11.25410	1.21411	1183.97000	748.58700
.950	7.948	1.99201	.28873	1.23452	.21202	.75735	-.72727	-8.30595	1.23452	1182.50000	747.41100
.951	9.957	1.96853	.29318	1.24521	.33504	.65536	-.42709	-4.93199	1.24521	1181.88000	748.34300
.950	11.951	1.82302	.29452	1.24606	.45508	.52952	-.09876	-1.14711	1.24606	1187.33000	749.58100
.949	13.889	1.89959	.28678	1.24306	.56635	.41937	.19592	2.27206	1.24306	1183.50000	746.85900
.950	15.961	1.95515	.28315	1.23025	.67653	.30082	.50664	5.83551	1.23025	1182.60001	747.42300
.950	17.916	1.94772	.27942	1.20397	.78030	.18422	.82593	9.38511	1.20397	1185.25000	749.20400
	GRADIENT	.00406	.01578	.03210	.06083	-.03262	.20029	1.47894	.03210	.07916	.11806

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.976	-2.013	1.94347	.18006	1.02894	-.39430	1.14812	-2.36556	-23.08510	1.02894	1154.99001	769.68300
.979	.038	2.03645	.20579	1.09695	-.26420	1.08119	-1.95424	-20.12960	1.09695	1154.30000	774.43600
.979	1.975	2.07030	.25792	1.15121	-.11227	1.01752	-1.61726	-17.29260	1.15121	1157.35001	776.00600
.979	3.999	2.05086	.29510	1.19700	.01041	.95129	-1.31381	-14.44580	1.19700	1154.39999	774.31800
.981	6.014	2.10355	.30231	1.23274	.13053	.86242	-.99406	-11.18820	1.23274	1152.38000	775.94900
.980	7.954	2.02127	.31059	1.25248	.23452	.78280	-.73712	-8.41450	1.25248	1151.32001	773.92000
.980	9.914	1.92413	.31213	1.26205	.35198	.67932	-.43856	-5.06279	1.26205	1150.14999	772.78900
.982	12.005	1.93101	.31298	1.26450	.47117	.56409	-.12416	-1.44180	1.26450	1145.37000	773.14500
.980	13.912	1.93635	.30797	1.26100	.58015	.45665	.16631	1.92932	1.26100	1147.00000	770.87900
.980	15.939	1.94520	.30509	1.24970	.68979	.35647	.45875	5.29168	1.24970	1147.60001	771.08700
.979	17.970	1.96969	.29637	1.22317	.79172	.22495	.79287	9.02489	1.22317	1150.95000	772.50000
	GRADIENT	.01787	.01986	.02797	.06836	-.03275	.17488	1.43962	.02797	.05992	.77693

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.049	-4.003	1.89573	.24932	1.00936	-.35652	1.23553	-2.79378	-25.55520	1.00936	947.63200	730.62700
1.050	-1.958	1.95303	.26228	1.08526	-.27020	1.18609	-2.32147	-22.79570	1.08526	945.46400	729.53400
1.050	-.003	2.00471	.27140	1.14676	-.16358	1.13065	-1.95141	-20.10720	1.14676	945.66200	729.56700
1.050	2.027	2.00477	.31630	1.20032	-.00713	1.06233	-1.58976	-17.04550	1.20032	946.94100	730.33000
1.050	4.028	2.01448	.36120	1.24347	.11024	.98611	-1.25970	-13.91190	1.24347	946.24300	730.46100
1.050	6.044	2.08477	.36399	1.27563	.21559	.91553	-.98574	-11.10050	1.27563	945.66100	729.62800
1.050	8.002	2.01184	.37372	1.29568	.31863	.83649	-.72113	-8.23813	1.29568	945.94100	730.65700
1.050	10.020	2.03389	.37581	1.30453	.43589	.73570	-.41714	-4.81834	1.30453	947.42800	730.90100
1.050	11.946	1.93586	.37708	1.30585	.54003	.62593	-.11883	-1.37996	1.30585	946.35200	729.92600
1.049	13.924	1.96242	.36929	1.30366	.65031	.51789	.18404	2.13458	1.30366	945.77100	729.03100
1.050	15.950	1.99986	.36266	1.29241	.75078	.41134	.47718	5.50118	1.29241	945.76700	729.27700
1.051	17.949	2.00207	.36050	1.27009	.84912	.30544	.78475	8.93608	1.27009	946.43000	731.10500
	GRADIENT	.01442	.01386	.02910	.05969	-.03106	.18958	1.44851	.02910	-.06550	.02289

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.098	-1.979	1.93984	.29874	1.12435	-.19020	1.21821	-2.30756	-22.70310	1.12435	904.14900	762.97200
1.101	.040	2.03548	.31593	1.18664	-.09404	1.16728	-1.94043	-20.02050	1.18664	900.46000	763.85000
1.101	2.035	2.06642	.36681	1.23540	.04033	1.10683	-1.61146	-17.24070	1.23540	899.28200	762.97700
1.099	4.029	2.01599	.38910	1.27245	.15349	1.02944	-1.28628	-14.17510	1.27245	906.39000	765.63600
1.099	6.084	2.04144	.40035	1.30354	.26370	.94636	-.97732	-11.01140	1.30354	901.87000	762.65300
1.097	7.996	1.99455	.40717	1.30349	.35757	.87140	-.74576	-8.50975	1.30349	905.24000	763.06300
1.098	10.037	2.03451	.40647	1.32614	.47013	.77201	-.42815	-4.94410	1.32614	903.55700	762.74100
1.102	11.854	1.86207	.40899	1.32763	.57452	.67805	-.14762	-1.71382	1.32763	899.56000	764.20400
1.098	13.940	1.97139	.40380	1.32512	.67475	.57715	.13959	1.61968	1.32512	902.87600	761.84600
1.101	15.878	1.91212	.39998	1.32244	.78068	.47783	.43690	5.04278	1.32244	900.56100	763.75200
1.100	17.905	1.93313	.39237	1.30280	.87357	.37675	.73316	8.36940	1.30280	901.85000	763.88300
1.100	19.879	.30789	.42787	1.28115	.95826	.23573	1.05609	11.83650	1.28115	901.36300	763.31900
	GRADIENT	.01300	.01608	.02464	.05821	-.03130	.16948	1.41665	.02464	.27409	.35536

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.149	-3.944	2.00688	.30558	1.10760	-.20954	1.28648	-2.62861	-24.67440	1.10760	836.29200	773.02800
1.149	-1.937	2.01399	.31528	1.17073	-.13614	1.23938	-2.22178	-22.11720	1.17073	834.62300	771.87000
1.150	.036	2.02871	.32305	1.22645	-.03653	1.18335	-1.86800	-19.43810	1.22645	836.76900	774.31300
1.150	2.026	2.06033	.35649	1.27364	.09541	1.11814	-1.53364	-16.53430	1.27364	839.79200	777.79400
1.150	4.020	2.04605	.40499	1.31173	.21147	1.04750	-1.22540	-13.56960	1.31173	833.83400	771.52500
1.149	6.066	2.04735	.41578	1.34060	.31452	.97153	-.94185	-10.63470	1.34060	837.55900	774.54600
1.150	7.932	1.98545	.42919	1.35821	.40791	.89782	-.69456	-7.94417	1.35821	834.31800	772.36200
1.149	9.882	1.89758	.43538	1.36488	.50913	.80632	-.42027	-4.85410	1.36488	836.09100	773.20800
1.149	11.917	1.87358	.43907	1.36734	.61424	.69629	-.11523	-1.33818	1.36734	836.97000	774.07800
1.148	13.894	1.90700	.43115	1.36464	.71694	.60394	.16047	1.86171	1.36464	840.42100	775.52100
1.150	15.889	1.91221	.43003	1.35670	.81022	.50531	.43624	5.03524	1.35670	836.38100	773.66500
1.150	17.908	1.93465	.42655	1.33856	.90167	.41160	.71866	8.20935	1.33856	838.52700	776.16500
	GRADIENT	.00627	.01207	.02570	.05397	-.03013	.17570	1.39732	.02570	.01174	.14573

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.197	-1.990	2.04311	.30327	1.21026	-.07183	1.25536	-2.14583	-21.57740	1.21026	793.13900	795.68900
1.199	.070	2.04395	.31045	1.26404	.01601	1.19994	-1.80460	-18.91440	1.26404	790.95500	796.04000
1.198	2.066	2.05053	.35111	1.30650	.13254	1.13895	-1.50043	-16.22750	1.30650	791.16200	795.39700
1.198	4.019	2.06599	.39494	1.34313	.24273	1.07525	-1.21689	-13.48420	1.34313	791.36100	795.28700
1.198	6.032	2.08807	.41398	1.36933	.34246	1.00070	-.94337	-10.65090	1.36933	790.97000	794.91900
1.201	7.929	2.02582	.43303	1.38684	.43383	.92790	-.69984	-8.00260	1.38684	789.35100	797.44500
1.197	10.006	1.81744	.45367	1.39111	.53549	.83910	-.43137	-4.98084	1.39111	792.84000	795.82700
1.197	11.894	1.85774	.45534	1.39033	.62735	.74836	-.17227	-1.99932	1.39033	793.44200	795.28400
1.202	13.907	1.90837	.44291	1.39433	.72899	.65355	.10730	1.24523	1.39433	788.26000	797.53600
1.199	15.883	1.90826	.43141	1.38525	.82200	.57191	.36335	4.20158	1.38525	790.86000	795.74800
1.198	17.907	1.90941	.43084	1.36810	.90630	.47800	.63362	7.26454	1.36810	792.64400	795.67000
	GRADIENT	.00374	.01571	.02205	.05291	-.03001	.15442	1.34641	.02205	-.25933	-.09162

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.300	-1.965	1.97817	.10177	1.28390	.04908	1.29961	-2.05154	-20.86020	1.28390	638.37300	755.64500
1.298	.020	2.02979	.11075	1.33370	.12419	1.24606	-1.72977	-18.27960	1.33370	641.03100	756.58400
1.299	1.979	2.06454	.14422	1.37459	.22430	1.18770	-1.44095	-15.67000	1.37459	638.58200	754.59800
1.299	4.006	2.04174	.18375	1.40617	.33011	1.12049	-1.16084	-12.91740	1.40617	641.70500	758.26700
1.301	6.040	2.10263	.19693	1.42841	.43065	1.04566	-.89098	-10.09020	1.42841	638.37100	755.83800
1.299	7.952	2.02213	.21243	1.44509	.51919	.98290	-.66813	-7.65057	1.44509	639.07600	754.61800
1.299	9.998	2.00536	.23246	1.44797	.61006	.89115	-.40307	-4.65762	1.44797	641.12100	757.44000
1.301	11.905	1.88984	.25320	1.45379	.69915	.81584	-.16759	-1.94511	1.45379	637.38900	755.21800
1.301	13.902	1.92981	.27845	1.45054	.78360	.73173	.07486	.86881	1.45054	639.64000	757.33200
1.300	15.964	1.95750	.30379	1.44414	.87400	.64868	.33000	3.81874	1.44414	637.99300	754.25500
1.299	17.930	1.96522	.31336	1.42783	.95187	.55101	.58216	6.68777	1.42783	641.61500	757.46000
	GRADIENT	.01129	.01407	.02050	.04747	-.02998	.14897	1.33340	.02050	.38247	.29933

OA232 AEDC 16T TF431 LA .2P/S RA .2A (AVR012) (26 JUL 78)

REFERENCE DATA

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.399	-3.951	1.92708	.08221	1.28660	.06812	1.36066	-2.25885	-22.37350	1.28660	549.24100	752.01100
1.399	-2.062	1.98129	.09738	1.33607	.12889	1.34618	-2.03380	-20.74570	1.33607	549.72000	753.53400
1.399	-.026	1.97470	.13102	1.38424	.21424	1.29299	-1.71062	-18.11440	1.38424	547.57700	750.55800
1.399	2.010	1.98051	.18636	1.42143	.31052	1.23992	-1.43822	-15.64430	1.42143	549.72400	753.09600
1.401	4.008	2.00170	.23002	1.45256	.41286	1.18231	-1.17479	-13.05920	1.45256	549.21900	754.33100
1.400	6.040	2.10302	.23671	1.48279	.50160	1.10800	-.89441	-10.12710	1.48279	547.57200	751.04000
1.400	8.038	2.10702	.24161	1.47183	.58296	1.03961	-.69133	-7.90826	1.47183	549.51900	753.93200
1.400	10.115	1.94794	.25202	1.50411	.67224	.95634	-.41184	-4.75784	1.50411	547.96200	751.51300
1.401	11.977	1.97140	.25922	1.49611	.75307	.87963	-.18618	-2.16039	1.49611	548.34400	752.94900
1.399	13.972	2.00552	.26301	1.48785	.83012	.79852	.04692	.54435	1.48785	549.33200	752.84200
1.400	15.995	2.01067	.26865	1.48418	.91451	.72241	.28856	3.34192	1.48418	547.95500	752.25700
1.399	18.010	2.02016	.26406	1.48568	.98875	.63844	.52122	6.00061	1.48568	548.55300	751.67600
	GRADIENT	.00737	.01928	.02086	.04362	-.02321	.13830	1.18806	.02086	-.00163	.20996

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
1.550	-3.884	1.77379	.12979	1.36613	.19370	1.43459	-2.24809	-22.29950	1.36613	405.16800	681.43000
1.550	-1.889	1.84667	.13874	1.41332	.25974	1.39011	-1.92111	-19.86680	1.41332	405.26300	681.78700
1.550	.100	1.85984	.17089	1.46247	.33459	1.35059	-1.63902	-17.48650	1.46247	405.26200	681.89900
1.550	2.143	1.86100	.21899	1.49856	.41935	1.29961	-1.37739	-15.06350	1.49856	405.26800	681.37500
1.550	4.161	1.87869	.22949	1.52449	.51059	1.24238	-1.12930	-12.59520	1.52449	405.26800	681.45000
1.550	6.194	1.95135	.26679	1.55286	.59010	1.18501	-.89419	-10.12470	1.55286	406.04700	682.73200
1.550	8.107	2.01912	.28773	1.56472	.66803	1.13048	-.69494	-7.94829	1.56472	404.67800	680.84400
1.550	10.075	1.93643	.29937	1.57746	.74744	1.05005	-.44586	-5.14602	1.57746	405.75500	682.18600
1.549	11.895	1.99044	.30481	1.57658	.82303	.97578	-.22557	-2.61599	1.57658	405.18000	680.49500
1.550	13.903	2.04652	.30887	1.57792	.90555	.90102	.00671	.07741	1.57792	405.85100	682.54200
1.549	15.882	2.09257	.32209	1.57526	.98607	.82826	.23621	2.73796	1.57526	406.15200	682.22800
1.549	17.875	2.09671	.32207	1.55860	1.06086	.74188	.48534	5.59386	1.55860	404.88300	680.36000
	GRADIENT	.01111	.01391	.01997	.03944	-.02361	.13819	1.20331	.01997	.01016	-.01882

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (AVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPAL	CPAU	RAX	AADS	CPITOT	P	Q
.700	-1.945	-.21587	.08034	.79259	-.66387	.98799	-2.61982	-24.62500	.79259	1526.71001	523.49900
.701	.002	-.17182	.10956	.89220	-.47358	.92050	-2.08465	-21.12850	.89220	1525.41000	524.09100
.702	2.035	-.12579	.14624	.97345	-.35300	.83772	-1.62870	-17.39470	.97345	1523.20000	524.80700
.702	4.113	-.08251	.18848	1.03658	-.22283	.74364	-1.24517	-13.76730	1.03658	1520.21001	524.92600
.703	6.181	-.03740	.20382	1.08442	-.08932	.63302	-.88895	-10.06840	1.08442	1522.28000	525.89700
	GRADIENT	.02207	.01789	.04018	.07133	-.04041	.22636	1.79661	.04018	-1.07684	.24656

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.200	-1.708	.10331	-.62958	.86647	.01137	.65374	3572.54001	99.76070
.200	.137	.10451	-.51115	.80074	.06463	.75341	3579.47000	100.42200
.200	2.134	.10608	-.41778	.72754	.10698	.84009	3573.76999	99.72870
.200	4.213	.10742	-.30448	.62332	.14183	.90991	3573.69000	100.10300
.200	6.138	.10875	-.17389	.52212	.15469	.95774	3577.10001	100.19400
.201	8.137	.11107	-.03779	.40645	.16427	.99123	3577.23001	101.44200
.201	10.165	.11210	.09169	.28678	.17168	1.00906	3573.98001	101.39200
.202	12.171	.11333	.21810	.15533	.17296	1.01147	3573.95999	102.28600
.203	14.189	.11512	.33773	.01959	.15864	1.00003	3573.72000	103.11700
.203	16.176	.11651	.47148	-.14797	.14318	.97753	3568.67999	103.44300
	GRADIENT	.00070	.05402	-.04070	.02188	.04316	-.13811	.01557

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.396	-1.917	.07926	-.65341	.91035	.04864	.68045	1660.45000	182.10300
.397	.032	.07939	-.49568	.83829	.08457	.78780	1660.33000	183.05300
.397	1.999	.07942	-.38841	.75760	.12071	.87369	1660.55000	183.03500
.397	4.009	.07838	-.27958	.66238	.16418	.94086	1660.03999	183.22200
.397	6.022	.07849	-.15416	.55589	.17300	.98955	1659.78000	183.45800
.398	8.027	.07906	-.01931	.43919	.17808	1.02160	1659.47000	183.75100
.398	10.028	.07938	.10639	.31895	.18423	1.03889	1658.85001	183.94700
.397	12.033	.07921	.23551	.19156	.18647	1.04282	1659.23000	183.41700
.397	14.026	.07911	.35705	.05639	.17559	1.03451	1659.49001	183.17100
.397	16.049	.08105	.48500	-.09818	.16355	1.01447	1659.91000	183.34500
	GRADIENT	-.00013	.06219	-.04178	.01939	.04388	-.05152	.16858

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.598	-2.039	-.04092	2.85378	.94946	.06596	.74762	1667.21001	417.08200
.600	.111	-.04529	2.68009	.87434	.10203	.85818	1660.99001	418.82200
.600	2.039	-.04698	2.56092	.79218	.13645	.93645	1661.77000	419.44100
.600	3.993	-.04908	2.44619	.70210	.18206	.99795	1660.69000	418.72900
.600	6.000	-.04848	2.31654	.59890	.19229	1.04438	1655.95000	417.15500
.601	8.000	-.04855	2.17720	.48331	.19599	1.07529	1662.64999	420.06300
.600	10.064	-.04538	2.04085	.36259	.20360	1.09256	1660.52000	417.86600
.599	12.040	-.04187	1.91822	.23261	.20687	1.09654	1659.44000	417.06800
.599	14.029	-.03714	1.79739	.09417	.19636	1.08968	1661.02000	417.44900
.599	16.077	-.03416	1.67092	-.06175	.18579	1.07325	1661.03000	417.12500
	GRADIENT	-.00131	-.06715	-.04110	.01909	.04152	- 95535	.28338

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.700	-2.042	-.00816	-.66351	.98341	.08821	.73483	1523.64000	522.89000
.700	.148	-.00991	-.47037	.90545	.11394	.90044	1527.81000	523.30200
.702	2.066	-.01194	-.35384	.82858	.14047	.97544	1522.49001	525.18100
.701	3.979	-.01170	-.22606	.74152	.19107	1.03445	1524.50000	524.45700
.701	5.966	-.01104	-.09959	.64274	.21212	1.07988	1525.00999	523.99400
.700	8.031	-.01014	.03646	.52392	.21824	1.11111	1526.70000	524.22400
.701	10.046	-.00879	.16976	.41361	.22412	1.12731	1525.80000	524.26800
.699	12.047	-.00423	.30063	.27550	.22735	1.13116	1530.30000	523.48300
.699	14.058	-.00038	.42622	.14729	.21760	1.12491	1525.78000	520.71700
.699	16.058	.00175	.54487	.00661	.20810	1.11101	1533.17000	519.96200
	GRADIENT	- 00064	.07171	-.04009	.01668	.03985	-.11834	.33014

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.798	-1.998	.03057	-.63672	1.01948	.12596	.85513	1390.42999	620.54900
.800	.022	.03419	-.42733	.94829	.14926	.94501	1387.62000	621.80000
.800	1.984	.03678	-.29711	.87290	.17344	1.01827	1387.92000	621.51800
.800	3.965	.03853	-.16711	.78426	.22643	1.07700	1387.23000	621.47400
.800	5.997	.04188	-.03465	.68601	.24353	1.12133	1387.42000	621.63700
.800	7.982	.04455	.09176	.58085	.24848	1.15021	1387.73000	621.43000
.800	10.011	.04803	.22146	.46124	.25661	1.16670	1386.63000	621.36000
.800	11.995	.05201	.34685	.34272	.25910	1.17202	1388.71001	621.87000
.799	13.998	.05841	.47277	.21545	.25295	1.16831	1388.23000	620.93600
.799	16.024	.06224	.59277	.07333	.24700	1.15650	1381.94000	617.37100
	GRADIENT	.00133	.07758	-.03934	.01639	.03723	-.47032	.12657

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.850	-1.977	-.01089	-.58208	1.03755	.15363	.97812	1319.67999	667.55000
.850	-.062	-.01061	-.40411	.97223	.17216	1.05007	1320.97000	667.72500
.849	1.935	-.01186	-.25595	.89733	.19333	1.11572	1321.69000	666.83800
.850	3.949	-.00934	-.11981	.80974	.25257	1.16828	1321.66000	667.99700
.850	5.957	-.00837	.00378	.71440	.26740	1.20618	1322.06000	667.88300
.850	7.985	-.00845	.13840	.60827	.27104	1.23089	1321.86000	668.22900
.850	10.024	-.00681	.25722	.49514	.27953	1.24418	1322.75000	668.59000
.850	11.988	-.00447	.37724	.37770	.28366	1.24812	1323.33000	669.36100
.849	14.000	-.00281	.50410	.25091	.27790	1.24425	1322.66000	668.07500
.850	16.025	-.00027	.62297	.12024	.27229	1.23140	1315.85001	665.36100
	GRADIENT	.00017	.07756	-.03837	.01613	.03214	.33512	.02367

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

PARAMETRIC DATA

BETA = .000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.900	-1.980	.07470	-.50910	1.06316	.19103	.93975	1250.09000	708.95300
.901	-.001	.07249	-.35773	.99952	.20441	1.01496	1251.25000	710.66800
.900	1.973	.07069	-.19561	.92449	.22672	1.08153	1256.08000	712.53000
.900	3.975	.10464	-.06409	.84261	.28175	1.13587	1251.48000	708.80800
.900	5.969	.07693	.06090	.75057	.29699	1.17550	1250.48000	709.33900
.900	7.987	.07942	.18416	.64908	.30118	1.20187	1251.46001	710.06100
.900	9.981	.11112	.29850	.54255	.31103	1.21650	1250.59000	708.79200
.899	11.999	.10889	.41616	.42812	.31445	1.22191	1250.80000	708.39300
.900	13.996	.07874	.54024	.30598	.30866	1.21908	1249.20000	708.58800
.900	16.018	.07892	.65380	.17782	.30313	1.20675	1252.14999	710.26700
.900	18.047	.07420	.76064	.04089	.29614	1.18023	1250.37000	709.67700
	GRADIENT	.00445	.07545	-.03714	.01486	.03300	.45079	.06981

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.949	-1.982	.05388	-.43741	1.09447	.23096	.97272	1184.00000	746.98300
.948	-.011	.07757	-.29903	1.03072	.24316	1.04660	1185.31000	746.19700
.950	1.936	.02827	-.13936	.96109	.26384	1.10946	1184.75999	748.81300
.949	3.980	.08601	-.00865	.87838	.31856	1.16236	1184.88000	747.68900
.950	5.987	.08375	.11670	.78712	.33129	1.20091	1184.17999	747.87500
.950	7.949	.08474	.22714	.69076	.33638	1.22660	1183.69000	747.68400
.949	10.002	.08931	.34690	.58306	.34581	1.24232	1184.59000	747.52100
.947	12.001	.07577	.45356	.47103	.34790	1.24813	1186.91000	745.84500
.951	14.039	.01313	.57944	.35530	.34485	1.24525	1184.75000	749.28000
.950	15.942	.03737	.68702	.23670	.33797	1.23413	1186.74001	749.44500
.952	18.019	.00882	.79461	.10436	.33252	1.21023	1181.28000	748.80700
	GRADIENT	.00246	.07287	-.03621	.01434	.03183	.10504	.23616

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.980	-2.081	.00937	2.91258	1.11601	.26177	.99524	1148.07001	772.06300
.980	.046	.03264	2.77101	1.04871	.27511	1.07156	1151.60001	774.67500
.980	2.007	.03323	2.62151	.97704	.29667	1.13291	1151.12000	773.95900
.980	3.910	.03541	2.49869	.89925	.34108	1.18098	1148.97000	772.11300
.979	5.939	.03090	2.37808	.81092	.35279	1.21896	1151.53000	773.35900
.980	7.962	.03477	2.26481	.70972	.35763	1.24415	1151.92000	773.99700
.980	9.950	.00029	2.14880	.60578	.36608	1.25836	1151.32001	774.05000
.980	12.006	.00981	2.04000	.49104	.37073	1.26398	1150.25000	772.60600
.980	13.993	-.01562	1.92671	.38115	.36412	1.26162	1152.71001	774.29500
.980	16.016	-.02645	1.81424	.26052	.35906	1.25051	1151.61000	774.34900
.980	18.015	.01322	1.71402	.13391	.35393	1.22743	1155.92999	777.45500
	GRADIENT	.00401	-.06978	-.03616	.01292	.03109	.12794	-.01520

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.050	-1.963	-.03566	2.86461	1.15301	.33241	1.05861	943.99300	728.37100
1.049	-.011	-.05021	2.75490	1.09365	.34111	1.12465	944.69200	728.17900
1.049	1.940	-.05442	2.61397	1.02727	.35658	1.18145	943.22200	727.01600
1.050	3.965	-.02538	2.48792	.94785	.40278	1.22899	942.71200	727.73100
1.049	5.981	-.01991	2.37345	.86335	.41446	1.26439	944.02000	726.83900
1.050	7.988	-.03590	2.26717	.76648	.41788	1.28846	943.69800	728.20000
1.050	10.014	-.02505	2.15821	.66917	.42714	1.30259	944.38300	728.80400
1.049	12.002	-.00521	2.05806	.56716	.43262	1.30776	944.88700	728.39500
1.049	13.994	-.00335	1.95366	.45787	.42560	1.30514	944.49600	726.02400
1.049	16.017	-.06232	1.84350	.34473	.41407	1.29461	944.30900	727.37800
1.050	17.994	-.05396	1.74938	.23041	.40872	1.27556	942.72500	726.99600
	GRADIENT	.00139	-.06441	-.03457	.01152	.02876	-.26977	-.15483

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.100	-1.895	.04138	2.85088	1.18255	.38132	1.10527	902.53100	764.77700
1.100	-.033	-.02159	2.74717	1.12612	.38842	1.16201	903.52100	764.90900
1.100	1.941	-.02636	2.61584	1.06018	.40081	1.21766	903.41800	765.18300
1.101	4.017	.03931	2.49548	.98383	.44561	1.26475	903.20700	765.90600
1.100	6.001	.03728	2.38706	.90276	.45644	1.29688	903.80600	765.72800
1.100	8.012	.02959	2.28589	.80988	.45888	1.31777	903.50800	765.72900
1.100	10.034	.02124	2.18054	.71484	.46845	1.32962	903.90700	765.63000
1.099	12.005	-.03848	2.08119	.61316	.47318	1.33492	904.71200	764.96200
1.100	13.998	-.01951	1.98102	.51323	.46709	1.33515	903.61600	765.22100
1.101	16.034	.02804	1.87792	.40432	.45694	1.32820	902.91600	765.49800
1.100	18.066	.03915	1.78357	.28972	.45352	1.30745	902.63300	764.56200
	GRADIENT	-.00020	-.06077	-.03363	.01051	.02706	.09428	.18726

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.149	-1.882	.03755	2.84624	1.20292	.40095	1.14733	844.41000	780.79000
1.151	.029	.05607	2.75387	1.14688	.40302	1.20482	842.02500	781.04100
1.149	2.084	.03604	2.63038	1.07767	.41140	1.25830	843.03800	779.64200
1.149	3.966	.03535	2.52132	1.00855	.45742	1.29786	843.52600	780.14400
1.149	6.005	.03669	2.41137	.92744	.46823	1.32996	844.70700	780.80000
1.150	8.013	.05529	2.31651	.83997	.46968	1.35114	843.41000	781.29500
1.150	10.051	.02544	2.21581	.74799	.48159	1.36321	844.20600	781.13700
1.150	12.043	.04822	2.12231	.65374	.49039	1.36724	843.80100	781.66300
1.149	14.054	.04297	2.02469	.55669	.48538	1.36481	844.70000	781.24800
1.149	16.042	.03648	1.92408	.45930	.47656	1.35673	844.21200	780.74600
1.150	18.083	.05195	1.83165	.35078	.47334	1.34237	843.60800	781.34000
	GRADIENT	-.00140	-.05605	-.03328	.00903	.02578	-.08144	-.17324

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.199	-1.899	.05515	-.02291	1.21987	.40954	1.19228	789.19200	794.51500
1.200	.031	.05866	.05344	1.16514	.40607	1.24379	790.84500	796.81500
1.201	1.923	.05297	.16374	1.10298	.40715	1.28935	791.90200	799.22700
1.200	3.944	.05186	.27756	1.03371	.45644	1.32959	790.14800	797.11600
1.201	5.950	.05340	.38013	.95515	.46765	1.35965	787.98800	795.64900
1.199	8.010	.06385	.47321	.87275	.47316	1.38039	788.50600	793.96400
1.199	10.011	.07706	.56360	.78770	.48757	1.39179	790.17700	794.92900
1.200	12.066	.07659	.65867	.69197	.50541	1.39604	791.03800	797.18600
1.200	14.048	.07415	.74865	.60140	.49579	1.39431	791.43000	797.55400
1.200	16.006	.05178	.84697	.50518	.48839	1.38766	792.01200	798.45300
1.200	18.059	.05698	.93687	.40713	.48751	1.37496	793.38200	799.66300
	GRADIENT	-.00080	.05212	-.03197	.00738	.02354	.19697	.51852

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.219	-1.949	.03305	.00039	1.23034	.40821	1.21144	702.16900	730.87300
1.220	.000	.03524	.09039	1.17464	.39978	1.25971	700.78700	730.54900
1.220	1.906	.04213	.19148	1.11323	.39826	1.30305	700.69100	730.26100
1.219	3.926	.04444	.29738	1.04312	.44757	1.34093	702.95300	731.50700
1.220	5.932	.04848	.39527	.96820	.46335	1.36911	703.53100	732.76700
1.220	7.974	.05153	.48920	.88313	.47099	1.38881	703.91700	733.60600
1.220	9.977	.06595	.58410	.80028	.48803	1.40094	704.69500	734.76200
1.219	12.006	.06980	.67040	.70580	.51105	1.40752	705.88200	734.82400
1.220	13.988	.06685	.76289	.61801	.49739	1.40881	704.70100	734.24000
1.220	16.019	.06078	.85903	.52544	.48671	1.40317	703.32900	733.13100
1.218	17.980	.05924	.94481	.42597	.48850	1.38649	704.93000	731.78000
	GRADIENT	.00210	.05080	-.03191	.00604	.02210	.11935	.08472

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.240	-2.006	.03607	.02007	1.23518	.40799	1.22501	684.57100	737.02300
1.239	.029	.04522	.10947	1.17576	.39848	1.27037	687.80800	739.39500
1.240	1.967	.04874	.21314	1.11628	.39964	1.31353	685.55700	737.30700
1.239	4.034	.04755	.32062	1.04697	.44696	1.35233	682.72400	734.22800
1.240	5.980	.04966	.41408	.97455	.46527	1.37962	683.50000	735.58300
1.240	7.979	.05070	.50485	.89605	.47593	1.39876	684.96300	737.34200
1.240	10.012	.06103	.59666	.81007	.49153	1.41095	686.43000	738.79300
1.240	11.996	.06236	.68018	.72289	.52041	1.41769	686.92500	738.78100
1.240	14.012	.05779	.77173	.63205	.50317	1.41977	686.03600	738.57700
1.239	16.012	.04936	.86341	.53898	.49056	1.41453	686.63500	738.18300
1.240	18.026	.04581	.95096	.44407	.49102	1.39478	686.23900	738.22400
	GRADIENT	.00189	.05012	-.03112	.00593	.02119	-.38809	-.52231

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.300	-1.990	.01709	.08627	1.26773	.41965	1.26755	631.15700	746.62300
1.299	.002	.01829	.17040	1.20998	.39982	1.31906	631.26100	746.17200
1.300	1.989	.01816	.27094	1.14893	.41026	1.35926	631.25900	746.31700
1.300	3.995	.01773	.36878	1.08000	.46290	1.39157	632.42100	748.55200
1.300	6.004	.02124	.46462	1.01267	.47864	1.41708	632.12900	748.16200
1.300	8.026	.02127	.54987	.93608	.48683	1.43625	630.85900	746.76500
1.300	9.976	.02760	.63198	.86192	.50693	1.44836	631.15800	746.57400
1.300	12.011	.02962	.72000	.77419	.54993	1.45389	632.13400	747.72700
1.300	14.019	.02447	.80644	.68712	.53364	1.45204	633.11400	748.44400
1.299	15.969	.01963	.89473	.60320	.51159	1.44377	633.89800	749.04700
1.300	18.050	.01941	.98179	.50532	.50672	1.42962	632.32600	748.22800
	GRADIENT	.00009	.04755	-.03131	.00704	.02067	.19034	.29808

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.399	-1.985	-.04436	.18559	1.31373	.25793	1.26548	550.20600	754.31200
1.400	.022	-.03206	.25975	1.26188	.23266	1.31542	550.98400	755.52100
1.400	1.962	-.04248	.35702	1.21040	.25394	1.35649	550.19800	755.14300
1.399	3.977	-.03960	.45414	1.14724	.27325	1.39117	549.62300	753.36100
1.400	5.952	-.04234	.54428	1.08256	.30651	1.41721	548.92900	753.63700
1.400	7.986	-.03715	.62793	1.00206	.32644	1.43598	549.71800	753.79600
1.400	9.965	-.03193	.70792	.92753	.35033	1.44691	549.61700	754.01700
1.400	11.982	-.02774	.78086	.85577	.36556	1.45128	549.81100	754.36300
1.400	13.992	-.03162	.85955	.77456	.36841	1.44965	549.61500	754.19200
1.400	15.951	-.03524	.93916	.69561	.36691	1.44317	550.10700	754.35700
1.400	17.977	-.03305	1.02281	.60493	.38745	1.43231	550.10500	754.53200
	GRADIENT	.00021	.04554	-.02780	.00338	.02109	-.12737	-.16321

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.550	-1.859	-.13798	.28343	1.36305	.15462	1.41191	406.82600	684.08900
1.550	.031	-.13614	.35759	1.31892	.18469	1.45633	405.85500	682.20600
1.550	2.052	-.13690	.44009	1.27287	.21495	1.49545	404.28900	680.20300
1.551	4.093	-.13171	.53016	1.21593	.25449	1.52653	404.77200	681.31300
1.550	6.060	-.12907	.61740	1.15136	.30450	1.54911	405.75300	682.37300
1.550	8.088	-.12448	.69748	1.08216	.32435	1.56569	406.24200	683.07100
1.550	10.082	-.11705	.77299	1.02332	.35062	1.57632	406.53700	683.28100
1.550	12.062	-.11310	.84676	.95399	.36880	1.58226	405.45800	682.16300
1.550	14.095	-.11200	.92718	.87800	.37279	1.58444	405.56300	681.62200
1.549	16.084	-.11012	1.00996	.78945	.36335	1.58339	405.27500	680.85100
	GRADIENT	.00091	.04140	-.02453	.01660	.01924	-.38660	-.51473

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.201	-1.827	2.02960	-.66521	.83653	.03624	.68679	3576.39999	101.37000
.201	.217	2.05269	-.55184	.76545	.09326	.79365	3569.97000	101.39500
.203	2.133	2.06119	-.43616	.67357	.13875	.86921	3572.82001	102.92100
.204	4.121	2.04341	-.32601	.56974	.17602	.92765	3569.48999	104.11700
.203	6.092	1.96772	-.18848	.44418	.19375	.96881	3573.66000	103.27300
.204	7.842	1.84828	-.05566	.33612	.20725	.99300	3569.23999	103.97200
.200	9.797	1.66435	.07210	.21659	.21015	1.00743	3573.04999	100.43600
.200	11.702	1.75393	.19204	.08907	.20640	1.00950	3576.38000	100.11200
.201	13.722	1.80556	.32243	-.05736	.18625	.99979	3576.92001	100.86000
.201	15.703	1.84058	.44614	-.19902	.17855	.97995	3576.92999	101.14100
	GRADIENT	.00255	.05734	-.04512	.02353	.04043	-.91486	.49239

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.397	-1.949	2.07008	-.65199	.86792	.08447	.72489	1659.58000	183.37200
.398	.036	2.05583	-.52931	.77844	.11742	.82020	1659.17000	183.65400
.398	2.027	2.08019	-.41627	.70233	.15327	.89978	1658.59000	184.09700
.398	4.034	2.07320	-.29932	.59932	.19523	.96077	1658.61000	184.35400
.398	6.021	2.09153	-.16714	.48077	.21460	1.00243	1658.64999	184.31600
.399	7.888	1.93939	-.03161	.36059	.22519	1.02659	1658.21001	184.62700
.399	9.869	1.87584	.09809	.24991	.22886	1.03918	1658.25999	184.58900
.399	11.864	1.85206	.22447	.12737	.23200	1.04089	1658.37000	184.58000
.399	13.871	1.97767	.34893	-.01370	.22077	1.03257	1658.28000	184.38000
.399	15.864	1.89269	.47390	-.16033	.20186	1.01260	1658.23000	184.60800
.398	17.907	1.91437	.59052	-.30974	.18479	.97392	1658.48000	184.01100
	GRADIENT	.00169	.05872	-.04423	.01846	.03947	-.17487	.16993

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.600	-1.921	1.96689	2.84577	.90824	.10942	.79090	1658.92000	417.91400
.600	.057	1.97003	2.71256	.83193	.13775	.88388	1657.72000	418.31300
.601	2.070	1.96307	2.58655	.73915	.17141	.96100	1657.70000	419.08500
.600	4.093	1.98050	2.46584	.63822	.21613	1.01904	1658.73000	417.56600
.602	6.111	2.02001	2.32109	.52429	.23492	1.05855	1650.92999	418.83400
.601	8.014	2.01798	2.18883	.41147	.24361	1.08139	1659.07001	419.80400
.601	10.027	1.88551	2.05233	.29079	.24498	1.09330	1656.02000	418.44400
.601	11.881	1.93529	1.92844	.16291	.25138	1.09514	1661.17999	419.42700
.600	13.852	1.98140	1.80442	.02580	.24111	1.08807	1659.33000	417.66600
.599	15.888	1.99601	1.67901	-.12490	.22536	1.06868	1659.42999	417.41100
.600	17.886	2.01532	1.56247	-.27018	.21474	1.03130	1662.89000	418.43800
	GRADIENT	.00169	-.06311	-.04503	.01765	.03795	-.02818	-.01446

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.697	-1.908	1.99556	-.65659	.94311	.12692	.83797	1531.37000	520.45600
.700	.005	2.00455	-.51002	.86694	.15370	.92420	1524.92000	523.34600
.701	2.105	1.97784	-.36979	.77856	.17795	1.00165	1524.11000	524.19900
.701	4.058	2.00612	-.23704	.68143	.22389	1.05570	1522.13000	523.71600
.702	6.096	2.02556	-.10200	.57534	.25555	1.09448	1518.35001	523.32000
.700	7.970	1.95649	.02721	.46561	.26319	1.11649	1523.17000	521.74200
.699	10.039	1.87047	.16813	.33607	.26776	1.12864	1527.32001	522.95900
.699	11.895	1.91395	.29254	.21314	.27566	1.13077	1526.64000	522.28600
.699	13.859	1.95092	.41919	.08118	.26536	1.12467	1526.25999	521.78600
.698	15.880	1.95811	.54120	-.07092	.25047	1.10740	1529.16000	521.25700
.699	17.891	1.97689	.65566	-.21867	.24100	1.07316	1525.48000	521.02800
	GRADIENT	.00018	.06993	-.04368	.01575	.03652	-1.41835	.52928

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.799	-2.004	2.08335	-.63384	.98268	.16745	.88937	1392.87000	622.96400
.799	-.017	2.05686	-.43730	.90766	.19040	.97295	1392.17999	622.77000
.800	2.012	2.05643	-.30294	.82490	.20999	1.04295	1387.42000	621.78700
.800	3.963	2.10071	-.16940	.73095	.25121	1.09452	1387.33000	621.25500
.800	6.025	2.08432	-.03374	.62513	.28795	1.13309	1388.33000	621.31800
.800	7.926	1.97903	.09210	.52102	.29578	1.15588	1387.73000	621.43000
.800	9.993	1.98886	.22060	.39715	.30522	1.16903	1387.41000	622.08800
.800	11.885	1.86603	.34095	.28444	.30789	1.17209	1387.82001	621.58700
.800	13.917	1.91870	.47191	.14784	.30199	1.16634	1388.23000	621.31200
.800	15.945	1.92168	.59205	.01322	.29034	1.14977	1387.71001	621.95700
.800	17.930	1.93482	.69934	-.12866	.27891	1.11872	1387.92000	621.59400
	GRADIENT	.00255	.07666	-.04203	.01357	.03441	-1.07561	-.30677

RUN NO. 215/.0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.849	-1.913	1.88760	-.56666	1.00551	.19331	1.19358	1322.46001	667.77000
.849	.022	1.98563	-.39382	.93181	.21335	1.19341	1319.13000	665.54800
.850	1.976	2.02953	-.25384	.85112	.23277	1.19378	1318.50999	666.44200
.850	4.042	2.01113	-.11556	.75875	.27625	1.19374	1318.71001	666.38500
.850	6.043	2.10182	.00871	.65509	.31365	1.19383	1319.20000	666.93200
.850	7.988	2.06958	.13861	.54545	.32075	1.19392	1319.67999	667.47800
.850	10.078	1.89658	.26165	.43453	.32591	1.19386	1320.67000	667.77300
.850	11.928	1.91231	.37523	.31823	.33022	1.19397	1321.85001	668.73600
.849	13.950	1.96210	.50633	.19438	.32465	1.19364	1321.97000	667.73100
.850	15.933	1.98740	.62092	.06389	.31561	1.19398	1320.57001	668.12700
.850	17.980	1.99924	.73065	-.07425	.30573	1.19381	1321.56000	668.06100
	GRADIENT	.02071	.07528	-.04145	.01358	.00004	-.59337	-.16188

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.901	-1.991	2.08210	-.49672	1.03159	.22910	.96339	1249.09000	709.06500
.899	-.038	2.12317	-.33903	.96398	.24673	1.03669	1250.31000	707.64900
.899	1.974	2.11906	-.19172	.88346	.26357	1.09978	1250.02000	707.55100
.900	3.952	2.13377	-.05587	.79294	.30597	1.14786	1249.50999	708.19900
.900	5.989	2.13583	.07468	.69620	.34260	1.18321	1247.81000	708.17500
.900	7.876	2.03755	.18526	.59267	.34861	1.20444	1248.82001	707.50600
.900	10.025	1.80871	.30712	.48257	.35450	1.21727	1250.49001	708.64300
.900	11.900	1.84698	.41549	.37193	.36090	1.22012	1250.08000	709.09200
.900	13.924	1.88942	.54145	.25008	.35628	1.21516	1251.46001	709.85200
.899	15.891	1.85803	.65341	.12469	.34691	1.20128	1252.75999	709.49000
.899	17.929	1.88761	.75976	-.01036	.33522	1.17387	1250.50999	707.87700
	GRADIENT	.00758	.07408	-.04015	.01247	.03107	.04804	-.13510

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.950	-1.972	2.04457	-.40919	1.06165	.27273	1.24664	1183.28000	748.10500
.950	.045	1.99295	-.26797	.99565	.28736	1.24620	1183.99001	747.31800
.950	1.988	2.02304	-.12484	.91924	.30308	1.24670	1183.38000	748.31700
.950	4.016	2.02635	.00669	.83324	.34258	1.24650	1184.57001	748.52200
.950	6.057	2.06653	.13427	.73532	.37683	1.24645	1184.86000	748.55700
.950	7.981	2.00429	.23795	.63893	.38105	1.24619	1185.37000	748.14700
.951	10.031	2.03208	.35999	.52809	.39159	1.24673	1184.75000	749.28000
.950	11.930	1.99113	.46245	.42459	.39521	1.24666	1184.85001	749.15800
.949	14.018	2.00172	.58786	.29936	.39152	1.24606	1186.46001	748.47500
.950	15.938	1.98679	.69361	.18256	.38285	1.24617	1184.67999	747.66600
.950	17.931	1.96310	.79404	.06138	.37305	1.24660	1184.27000	748.62100
	GRADIENT	-.00127	.06985	-.03826	.01133	.00000	.16506	.11212

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.980	-2.030	2.01267	2.88469	1.08264	.30249	1.02824	1149.84000	773.53100
.980	.010	2.05462	2.74905	1.01251	.31719	1.09430	1149.94000	773.08900
.980	1.987	2.03801	2.60465	.93582	.33376	1.15156	1149.35001	773.14200
.980	4.017	2.04319	2.47982	.85026	.37148	1.19826	1149.94000	773.41400
.979	6.008	2.11275	2.35844	.75300	.39740	1.23087	1149.86000	772.22900
.979	7.948	1.98303	2.25391	.65808	.40147	1.25098	1149.47000	771.91700
.981	9.975	1.97438	2.13737	.55045	.41135	1.26192	1148.16000	772.85700
.979	11.942	1.91228	2.03152	.44548	.41618	1.26482	1153.50000	774.59400
.980	13.938	1.94006	1.91861	.33133	.41139	1.26102	1155.94000	776.73900
.979	15.929	1.93426	1.80949	.21402	.40228	1.24919	1155.85001	776.20500
.981	17.964	1.96084	1.70944	.08876	.39178	1.22377	1151.59000	775.19600
.980	18.933	1.94876	1.66536	.02909	.39186	1.20425	1150.33000	773.85600
	GRADIENT	.00375	-.06755	-.03846	.01111	.02820	-.01395	-.01498

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.051	-1.981	1.92928	2.84349	1.12699	.36988	1.08299	940.83700	726.93100
1.049	.002	1.97726	2.72508	1.06332	.38239	1.14705	941.25600	725.71000
1.050	2.007	2.01050	2.59696	.98894	.39864	1.20120	941.04300	726.53500
1.049	4.009	2.02564	2.47334	.90933	.43213	1.24347	942.73500	726.44400
1.051	6.077	2.04522	2.35673	.81737	.45808	1.27495	941.61700	727.79600
1.050	7.994	1.99357	2.25812	.72648	.46138	1.29397	944.39000	728.43600
1.050	9.971	1.99066	2.15056	.62529	.46828	1.30463	945.07900	728.79500
1.050	11.999	1.96371	2.04825	.52021	.47523	1.30741	944.18300	728.89400
1.049	13.935	1.98218	1.94472	.41433	.46977	1.30307	944.00300	727.82000
1.049	15.931	1.97994	1.83926	.30205	.45903	1.29132	943.12100	727.06100
1.049	17.964	2.00411	1.74344	.18657	.44977	1.27016	942.14100	726.28500
1.050	18.963	2.01906	1.70310	.12996	.44949	1.25538	941.73800	726.58800
	GRADIENT	.01613	-.06201	-.03642	.01017	.02681	.27452	-.03138

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OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.100	-2.011	1.95504	2.82960	1.15905	.41849	1.12375	904.78900	766.32800
1.100	.036	1.98418	2.71683	1.09333	.42902	1.18798	904.78900	766.32800
1.099	1.984	2.01570	2.59340	1.02444	.44205	1.23488	903.91900	764.86800
1.099	4.064	1.99558	2.47624	.94565	.47598	1.27319	902.74400	763.87800
1.101	6.016	2.09978	2.36741	.85896	.49829	1.30008	899.97500	763.16900
1.099	7.998	2.01478	2.27101	.76977	.50094	1.31935	901.18100	762.28500
1.101	9.959	1.95867	2.16433	.67045	.50875	1.33078	899.97200	763.34500
1.100	11.929	1.93488	2.07381	.57558	.51165	1.33467	902.34200	764.15400
1.100	13.880	1.90402	1.97075	.46997	.50805	1.33108	904.39400	766.25200
1.101	15.863	1.92891	1.87033	.36279	.49726	1.32028	903.59000	766.80100
1.100	17.929	1.91656	1.77685	.25610	.48797	1.30262	904.19300	766.33100
	GRADIENT	.00754	-.05865	-.03516	.00921	.02454	-.34736	-.43599

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.149	-1.946	2.00096	2.82277	1.18008	.43898	1.17057	845.48500	781.81600
1.151	.041	2.04945	2.71908	1.11619	.44525	1.22709	844.38000	782.80200
1.149	2.010	2.03887	2.60698	1.04956	.45534	1.27447	846.17300	782.25000
1.150	4.046	2.06342	2.49134	.96971	.49048	1.31268	845.07900	782.45400
1.150	6.022	2.08110	2.38794	.88542	.50894	1.33916	844.58600	782.23200
1.149	7.940	2.02883	2.29594	.80160	.51114	1.35578	844.60600	780.94600
1.151	9.996	1.80510	2.19763	.70911	.51571	1.36521	842.81500	781.27400
1.150	11.910	1.97832	2.10811	.61982	.52486	1.36762	844.11100	780.63500
1.150	13.852	1.88880	2.01405	.52539	.52243	1.36472	843.51600	780.87000
1.149	15.884	1.92111	1.91448	.42344	.51308	1.35582	844.11600	780.50000
1.150	17.883	1.90698	1.82752	.32347	.50692	1.33949	842.53000	780.42600
	GRADIENT	.00887	-.05547	-.03499	.00827	.02374	.02757	.06831

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF	= 2690.0000	SQ.FT.	XMRP	= 1076.6800	IN. XO
LREF	= 474.8100	INCHES	YMRP	= .0000	IN. YO
BREF	= 936.6800	INCHES	ZMRP	= 375.0000	IN. ZO
SCALE	= .1000				

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.200	-2.026	2.04124	-.01449	1.19824	.44743	1.21128	790.93000	797.90600
1.200	.095	2.05843	.09285	1.13935	.44897	1.26334	791.82500	797.60300
1.200	1.941	2.07839	.19601	1.07260	.45225	1.30635	790.93000	797.85300
1.201	4.006	2.06536	.30856	1.00137	.49036	1.34466	789.94600	797.38500
1.200	6.036	2.07288	.40623	.91958	.51055	1.36998	790.45200	796.60600
1.199	7.909	1.93482	.49172	.84005	.51471	1.38349	790.66700	795.32300
1.201	9.941	1.95029	.58788	.74685	.52458	1.39032	787.59300	795.54700
1.199	11.883	1.84912	.67094	.66105	.53763	1.39212	789.87700	795.17400
1.199	13.868	1.88859	.76259	.56953	.53498	1.39088	791.74000	796.61700
1.199	15.898	1.90334	.86011	.47470	.52661	1.38513	792.70800	798.25800
1.200	17.950	1.91843	.94533	.38005	.52206	1.36861	792.69600	799.16500
	GRADIENT	.00460	.05375	-.03293	.00663	.02222	-.18939	-.06726

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.299	-1.986	2.02750	.10956	1.24281	.47234	1.28355	633.31200	748.41300
1.300	-.006	2.04150	.20508	1.18500	.46079	1.33286	633.10400	749.36300
1.300	2.003	2.03338	.30731	1.12689	.45810	1.37505	631.15600	746.71900
1.300	4.023	2.04025	.40979	1.05405	.50617	1.40718	630.47400	745.81100
1.301	6.014	2.10931	.50468	.97232	.53330	1.42884	630.36300	746.93800
1.301	7.960	2.00726	.58529	.90687	.53499	1.44195	631.54100	747.72200
1.300	9.956	1.96155	.66084	.83150	.54199	1.44922	632.13100	747.92000
1.300	11.944	1.91578	.74126	.74764	.56724	1.45205	632.32200	748.56700
1.299	13.928	1.93449	.82634	.66390	.56579	1.45107	633.40900	748.59100
1.300	15.933	1.95157	.91468	.57578	.55194	1.44463	632.13600	747.48500
1.300	17.979	1.95510	.99550	.48575	.54812	1.42754	630.86900	745.79800
	GRADIENT	.00150	.05006	-.03117	.00496	.02061	-.52252	-.52270

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.400	-1.935	1.89879	.20894	1.28738	.45117	1.34066	550.39300	755.48900
1.400	.005	1.96467	.29279	1.23574	.42746	1.38410	550.39300	755.40100
1.400	1.991	1.97669	.38370	1.17733	.42472	1.42127	549.32200	753.93600
1.400	4.002	2.01635	.48212	1.11874	.45656	1.45204	548.93100	753.41800
1.399	6.067	2.08551	.57507	1.04192	.48158	1.47600	550.50100	754.43700
1.400	8.005	2.04772	.65714	.97091	.45424	1.49072	551.07400	756.43800
1.400	10.062	2.06657	.74039	.89689	.47432	1.49769	550.59200	755.22200
1.399	11.982	1.97922	.80822	.82445	.58975	1.49679	549.32900	753.10400
1.400	13.953	1.99731	.88160	.74616	.58144	1.49080	549.91100	754.23000
1.400	15.999	2.02063	.96352	.66024	.48954	1.48421	550.30000	754.83500
1.400	17.976	2.03245	1.03533	.57755	.50752	1.48567	550.78700	755.52500
	GRADIENT	.01839	.04600	-.02851	.00073	.01874	-.27607	-.38832

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.549	-1.816	1.87177	.28997	1.33305	.21288	1.41954	406.54500	682.60600
1.550	.129	1.85364	.36957	1.28816	.24014	1.46266	405.16700	681.54200
1.551	2.137	1.87140	.46095	1.23990	.26090	1.50016	404.57900	680.86200
1.550	4.139	1.88668	.54515	1.18456	.27778	1.52974	404.58700	680.18800
1.550	6.194	1.94955	.63235	1.12320	.32406	1.55221	404.68600	680.20800
1.550	8.094	1.95764	.70923	1.05371	.34671	1.56658	405.94900	682.63700
1.550	10.106	1.95235	.79598	.98815	.37526	1.57594	406.33500	683.54000
1.550	11.921	2.02005	.86165	.91659	.39836	1.57984	405.46600	681.45300
1.551	13.891	2.06119	.94251	.83603	.41341	1.57937	404.28300	680.65200
1.550	15.882	2.07760	1.02052	.75331	.40590	1.57329	404.97000	681.39000
1.550	17.910	2.10242	1.09991	.67240	.38713	1.55939	405.75700	682.07300
	GRADIENT	.00317	.04312	-.02485	.01083	.01851	-.32407	-.39881

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.260	7.995	.04279	.52048	.91155	.48087	1.40841	666.81100	741.15900
1.260	11.981	.05197	.69675	.74688	.53006	1.42846	666.52200	740.46600
1.261	15.954	.03738	.87756	.56870	.49803	1.42028	665.82800	740.60900
1.260	17.997	.04313	.96266	.47119	.49512	1.40310	667.49200	742.12300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.280	7.973	.02796	.53815	.92147	.48492	1.41982	649.06900	744.73800
1.279	12.004	.03705	.70926	.75500	.54008	1.43947	649.66700	744.33500
1.280	16.026	.02301	.89034	.57777	.50311	1.43402	649.27000	744.45600
1.281	17.973	.02022	.97461	.48925	.50178	1.41603	648.77100	744.84100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.300	7.980	.02181	.54754	.93709	.48867	1.43589	632.33000	747.84100
1.299	12.031	.02820	.72110	.77473	.55143	1.45390	633.11500	748.34700
1.300	15.998	.01741	.89699	.59970	.51075	1.44360	632.72400	747.97300
1.299	18.005	.01597	.98123	.50435	.50710	1.42997	632.82300	747.95800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.321	7.999	.01218	.56200	.95157	.46635	1.44419	613.74100	749.18500
1.320	11.971	.02323	.72791	.78756	.56727	1.46146	613.74500	748.75900
1.320	16.033	.01317	.90574	.61333	.50486	1.45967	616.48300	751.53100
1.320	17.990	.01124	.98985	.52596	.50256	1.44218	614.72300	749.72200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.340	7.967	.00302	.57623	.96674	.44208	1.45747	599.76800	753.84300
1.341	12.003	.01522	.74498	.80244	.58055	1.47716	596.83600	750.79900
1.340	16.031	.00754	.91479	.63233	.50777	1.47445	597.33300	750.42300
1.340	17.998	.00102	1.00010	.54627	.50639	1.45925	598.20200	752.37700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (AVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.360	7.963	-.01273	.59226	.97918	.39500	1.46923	582.19400	753.74800
1.360	12.007	-.01788	.75602	.82644	.49070	1.48990	580.72900	752.03700
1.361	16.017	-.00678	.92288	.65561	.46806	1.48887	581.50500	753.52600
1.361	18.000	-.00465	1.00994	.56886	.49404	1.47225	582.18700	754.47700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.380	7.969	-.03249	.60853	.99229	.33744	1.48028	567.07000	755.80800
1.380	11.979	-.01570	.76705	.84336	.37555	1.49939	565.89900	754.43600
1.380	16.017	-.02373	.92882	.67151	.40555	1.49750	565.60600	754.04800
1.380	17.982	-.02411	1.01571	.58780	.42669	1.48221	567.46400	755.96800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.400	7.959	-.04207	.62825	1.00421	.32559	1.43579	550.58600	755.87900
1.400	11.972	-.02891	.77864	.85487	.36553	1.45127	551.18000	755.69200
1.401	15.967	-.03620	.94110	.69398	.36542	1.44310	549.31900	754.24200
1.400	18.000	-.03889	1.02468	.60424	.38757	1.43217	549.70900	754.67100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
1.451	8.074	-.12694	.65209	1.03138	.31254	1.43662	511.71200	753.68800
1.450	11.939	-.05444	.80799	.88893	.35688	1.45125	512.88800	754.62200
1.450	16.053	-.11582	.95987	.72709	.35249	1.44272	511.61900	753.10100
1.450	18.065	-.11545	1.04474	.64379	.34756	1.43176	512.00700	753.86900
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (AVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.199	-3.797	.10715	-.83027	.93266	-.02516	.51348	3576.70001	99.21710
.200	-1.827	.10769	-.66654	.87577	.01589	.64657	3574.38000	99.62430
.199	.128	.10926	-.54766	.77172	.05939	.75296	3574.39001	99.32260
.200	2.188	.11057	-.41925	.68072	.10494	.84212	3573.76001	100.22800
.200	4.178	.11165	-.29991	.61458	.13239	.90889	3572.54001	99.95830
.201	6.184	.11272	-.16392	.53813	.15949	.95870	3576.04001	101.03700
.200	8.191	.11390	-.04638	.39423	.15653	.99192	3577.17999	100.01800
.200	10.196	.11508	.08791	.28551	.16914	1.00921	3578.10001	100.28700
.201	12.206	.11617	.21786	.15772	.16916	1.01139	3567.87000	100.90700
.201	14.201	.11743	.33868	.01654	.15845	.99992	3568.23001	101.04200
.201	16.191	.11849	.47205	-.13718	.14589	.97732	3577.67999	100.79700
	GRADIENT	.00060	.06550	-.04164	.02024	.04937	-.44728	.10496

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.249	-3.792	.10600	-.84532	.95162	.01103	.52492	2283.31000	99.04290
.250	-1.773	.10662	-.66319	.89214	.04989	.64960	2283.69000	99.74210
.250	.184	.10813	-.50615	.78579	.08462	.75652	2283.26999	99.67090
.250	2.014	.04949	-.39024	.69346	.11719	.83994	2282.73999	99.89340
.250	4.008	.05110	-.26367	.63836	.15636	.91101	2281.97000	100.14600
.249	6.214	.11235	-.14492	.54246	.17220	.96595	2279.91000	99.23340
.249	8.120	.11321	-.02221	.42520	.17585	.99527	2284.45001	99.10430
.249	10.135	.11312	.10339	.30659	.18072	1.01044	2287.84000	99.01520
.248	12.159	.11290	.22591	.18076	.18151	1.01153	2290.06000	98.51980
.248	14.153	.11259	.34604	.04740	.16890	.99990	2289.82999	98.44890
.247	16.205	.11093	.47159	-.10623	.15840	.97394	2283.14999	97.74580
	GRADIENT	-.00853	.07414	-.04251	.01847	.04968	-.18515	.12207

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (AVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.398	-3.955	.08474	-.83390	.96694	.01450	.51446	1790.05000	198.19300
.398	-1.919	.08234	-.66263	.91180	.04719	.64099	1788.10001	198.32400
.399	.045	.08365	-.52174	.80786	.08172	.74946	1786.22000	199.03500
.400	2.049	.08145	-.39700	.70598	.11734	.84135	1784.64000	199.74800
.401	4.068	.08041	-.26661	.65677	.16334	.91280	1783.14999	200.47000
.401	6.054	.08020	-.15186	.55103	.17278	.96276	1783.05000	200.37500
.401	10.066	.08022	.11585	.31559	.18484	1.01016	1782.56000	201.10300
.401	14.041	.08049	.36270	.05816	.17681	1.00089	1782.14999	201.02400
.400	18.068	.08197	.60411	-.24755	.14847	.93491	1783.22000	199.94800
	GRADIENT	-.00048	.06997	-.04126	.01838	.04982	-.86240	.29857

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (AVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPSIA	CPITOT	P	Q
.601	-1.984	-.03546	-.66354	.95216	.06225	.75077	1653.92000	418.56400
.602	2.113	-.03681	-.37240	.74271	.12762	.83911	1656.97000	420.26800
.603	6.096	-.03828	-.11591	.59272	.19469	1.04623	1651.49001	420.47600
.603	10.092	-.03644	.14765	.36157	.20649	1.09268	1657.42000	422.25000
.602	14.084	-.03439	.39707	.10089	.19435	1.08929	1658.57001	420.22100
.600	18.076	-.02931	.63374	-.19475	.17786	1.05042	1660.10001	418.45700
	GRADIENT	-.00033	.07105	-.05112	.01595	.04597	.74436	.41586

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (AVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPS1A	CPITOT	P	Q
.701	-1.948	-.00591	-.65929	.98150	.09073	.79982	1523.92000	527.70800
.703	2.092	-.00562	-.34515	.76594	.14409	.97633	1521.57001	526.11000
.702	6.062	-.00736	-.08580	.63081	.21367	1.08173	1521.98000	525.72400
.701	10.088	-.00223	.17793	.40320	.22599	1.12759	1525.00000	524.39700
.699	14.026	.00045	.42612	.14516	.21919	1.12517	1526.73000	522.77300
.696	18.000	.00102	.65670	-.14738	.20174	1.09316	1530.78999	519.46300
	GRADIENT	.00007	.07777	-.05337	.01321	.04370	-.58179	.59466

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (AVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPAL	CPAU	CPS1A	CPITOT	P	Q
.800	8.002	.04638	.10005	.57407	.25026	1.15036	1388.52000	621.63200
.800	12.022	.04638	.35192	.33440	.26027	1.17191	1389.50999	621.84600
.800	16.027	.04795	.59493	.07229	.24601	1.15631	1389.20000	622.20300
.799	18.019	.05142	.70373	-.07055	.23665	1.13702	1389.91000	621.72100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (AVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPSA	CPTA	CPSIA	CPITOT	P	Q
.599	-4.003	-.03027	-.02027	.61406	-.00518	.61406	2562.13000	642.45900
.599	-1.912	-.03319	.02460	.74548	.04096	.74548	2563.66000	644.39400
.599	.098	-.03622	.09579	.85061	.07942	.85061	2563.26999	644.12500
.599	2.071	-.03665	.15565	.93338	.12437	.93338	2563.37000	644.04200
.600	4.096	-.04260	.17719	.99774	.17431	.99774	2561.53000	646.06100
.599	6.060	-.04286	.18783	1.04448	.18768	1.04448	2563.48001	643.87200
.600	8.066	-.04220	.19828	1.07653	.19663	1.07653	2565.98999	646.52100
.600	10.055	-.04178	.20233	1.09153	.20675	1.09153	2564.01999	645.69500
.599	12.082	-.04122	.20089	1.09305	.20827	1.09305	2565.17999	643.48600
.598	14.035	-.03831	.19512	1.08841	.19992	1.08841	2566.91000	642.15100
.599	16.091	-.03812	.18678	1.06863	.18822	1.06863	2567.82999	644.58800
	GRADIENT	-.00139	.02606	.04738	.02192	.04738	-.07205	.34081

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (BVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.202	-3.800	.12342	1.00871	.03797	-.64577	-.27537	-.70435	-.32279	-30.33680	-66.19740	93.98390
.200	-1.769	.11931	1.00622	.06827	-.58856	-.29204	-.70027	-.38414	-34.21880	-62.37970	89.07910
.200	.186	.11558	1.00781	.03037	-.50302	-.29519	-.54570	-.33307	-31.12760	-50.99860	93.45580
.200	2.183	.11190	.00000	.04315	-.42779	-.31445	.01317	.01000	-34.07500	-44.87590	-3408.56000
.201	4.203	.10783	1.01085	.04154	-.33618	-.32268	-.38968	-.37576	-34.93770	-36.23210	92.98000
.200	6.211	.10813	1.00776	.04039	-.26066	-.34008	-.31121	-.39331	-36.23170	-28.66870	92.11960
.200	8.188	.10780	.00000	.06305	-.17844	-.34667	.00677	.01148	-39.10720	-23.05020	-3405.91000
.200	10.192	.11433	1.01078	.03946	-.09597	-.34487	-.13943	-.39568	-36.59110	-12.89370	92.47580
.200	12.199	.10878	.00000	.05603	.00071	-.34405	.00154	.01116	-38.02890	-5.25833	-3406.92001
.200	14.190	.11150	1.01076	.01544	.11091	-.33772	.09592	-.39482	-33.57180	9.07603	94.61620
.200	16.206	.11339	1.00695	.07359	.20658	-.33445	.14249	-.43718	-38.67590	12.60560	88.46730
.199	18.545	.11660	1.00691	.03859	.31717	-.31693	.28770	-.36715	-33.64370	26.36370	91.63570
	GRADIENT	-.00193	-.04987	-.00088	.03908	-.00587	.06707	.01428	-.45608	3.87781	-174.18368

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (BVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.250	-3.994	.04844	1.01648	.05820	-.63259	-.27108	-.72086	-.34362	-32.99670	-69.22270	96.02780
.251	-1.991	.04767	1.01801	.06252	-.56481	-.27120	-.65655	-.34926	-33.64370	-63.24410	96.32790
.251	-.002	.04780	1.01509	.06063	-.48639	-.28093	-.57311	-.35785	-34.36260	-55.03240	96.02370
.252	2.006	.04717	1.01806	.05139	-.40364	-.28849	-.47072	-.35160	-34.43450	-46.10050	97.93600
.252	4.003	.04770	1.01878	.04582	-.32359	-.30513	-.37968	-.36071	-35.58470	-37.45660	98.65190
.252	6.015	.04789	1.01740	.05185	-.24121	-.32064	-.30351	-.38579	-37.81320	-29.74920	98.01610
.252	8.011	.04951	1.01744	.08222	-.15492	-.31977	-.25357	-.42983	-40.90440	-24.13070	95.16360
.249	10.215	.10299	1.01921	.04337	-.06471	-.31571	-.11076	-.36797	-35.65660	-10.73280	96.90060
.248	12.197	.09944	1.01770	.06057	.03139	-.31503	-.03048	-.39242	-37.09430	-2.88128	94.52780
.248	14.193	.09332	1.01772	.04764	.12410	-.31498	.07881	-.37381	-35.87220	7.56336	95.96410
.248	16.215	.12333	.00000	.05682	.22547	-.30386	-.00726	.01552	-35.58470	16.63940	-2292.72000
.248	18.193	.09355	.00000	.05837	.31629	-.29067	-.01112	.01504	-34.50640	25.49930	-2293.87000
.248	18.546	.09286	.00000	.06373	.33194	-.28904	-.01155	.01519	-34.86580	26.50780	-2294.92999
	GRADIENT	-.00010	.00023	-.00180	.03897	-.00427	.04343	-.00183	-.29841	4.03535	.34312

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.398	-3.921	.09254	1.03982	.05437	-.61797	-.26935	-.68227	-.32850	-64.19620	-133.33100	195.42400
.399	-1.992	.08904	1.04009	.07251	-.54427	-.26990	-.63745	-.35388	-63.26170	-113.95500	178.76700
.400	.004	.08506	1.04031	.05065	-.46776	-.27311	-.53939	-.34069	-61.96770	-98.10750	181.88700
.401	1.955	.08228	1.04125	.05997	-.39032	-.27369	-.45888	-.34003	-62.18330	-83.91720	182.87500
.402	4.038	.07868	1.04060	.06525	-.29680	-.27990	-.37119	-.35387	-64.41190	-67.56600	182.02300
.402	6.021	.07456	1.04259	.04878	-.20153	-.29044	-.25187	-.34133	-63.54920	-46.89280	186.18000
.402	8.027	.07702	1.04302	.05115	-.11446	-.29591	-.16697	-.34991	-65.05890	-31.04580	185.93200
.402	10.060	.07771	1.04308	.05287	-.02120	-.29071	-.07481	-.34698	-64.48380	-13.90220	185.84400
.403	12.046	.07004	1.04202	.05469	.07308	-.28901	.01862	-.34810	-64.62750	3.45753	185.65600
.403	14.047	.06997	1.04173	.05449	.17375	-.28312	.12080	-.34198	-63.62110	22.47400	186.04000
.404	16.044	.06871	.00000	.05749	.26894	-.27750	-.02401	.03804	-63.33360	39.97770	-1665.06000
.404	18.457	.06756	1.03959	.06118	.37712	-.26440	.32291	-.33276	-61.53630	59.71450	184.92700
	GRADIENT	-.00173	.00014	.00046	.04010	-.00126	.04034	-.00186	.02859	8.12947	-1.12955

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (BVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.600	-3.926	-.04180	1.09320	.04173	-.52826	-.20317	-.54208	-.23291	-77.49550	-180.36800	332.73100
.600	-1.919	-.04183	.00000	.05385	-.44728	-.20100	.12459	.06336	-80.44300	-158.18200	-1269.61000
.600	.047	-.02173	1.09434	.04997	-.37021	-.20532	-.40232	-.24444	-80.65860	-132.75500	329.97100
.600	2.062	-.04339	1.09453	.05496	-.28777	-.19947	-.32968	-.24474	-80.37110	-108.26400	328.38700
.600	4.067	-.02457	1.09460	.05226	-.19898	-.19006	-.24104	-.23247	-76.48910	-79.30720	329.02400
.601	6.039	-.03523	1.09486	.04938	-.11085	-.19026	-.15326	-.22922	-76.05780	-50.85460	331.81600
.602	8.092	-.03356	1.09678	.04710	-.02077	-.19234	-.06466	-.22811	-75.98590	-21.53760	333.11300
.599	10.057	-.03304	1.09287	.05299	.07196	-.19361	.01824	-.23714	-77.71120	5.97865	327.70300
.600	12.033	-.02579	1.09461	.05824	.16297	-.19235	.10106	-.24179	-78.93330	32.99060	326.45100
.599	14.076	-.01852	1.09234	.05469	.26040	-.18516	.19824	-.23115	-75.33890	64.61270	325.92700
.598	16.041	-.04037	1.09225	.05757	.35294	-.17793	.28547	-.22761	-73.68550	92.41700	323.73500
.599	18.555	-.03640	1.09198	.05713	.46677	-.17329	.39584	-.22266	-72.60710	129.08100	326.09100
	GRADIENT	.00164	.05464	.00111	.04097	.00139	.00758	-.01530	.10530	12.62337	79.19679

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.698	-4.032	.02723	.00000	.05156	-.46907	-.10005	.17429	.05075	-53.84430	-184.90600	-1060.92000
.700	-1.862	-.01281	1.12873	.06353	-.36642	-.09650	-.40364	-.15024	-57.07930	-153.35600	379.93000
.702	.106	-.01359	1.13089	.06005	-.28720	-.10051	-.32427	-.14994	-57.65440	-124.68700	384.51500
.702	2.124	.00724	1.13010	.06093	-.20121	-.10258	-.24518	-.15293	-58.58890	-93.92970	383.11100
.702	4.128	-.01371	1.13088	.05601	-.10511	-.09439	-.14990	-.13992	-54.06000	-57.91370	386.35500
.702	6.108	.00084	1.13056	.06216	-.01813	-.09449	-.07515	-.14662	-56.07280	-28.74080	382.42300
.701	8.109	-.00470	1.12987	.05533	.06821	-.09566	.01198	-.14051	-54.06000	4.61005	384.72700
.701	10.053	-.00545	1.13038	.05430	.15576	-.08746	.09429	-.13174	-50.82500	36.37610	385.80300
.700	12.059	.00385	1.12959	.06089	.24983	-.08416	.17680	-.13573	-51.75960	67.42190	381.35500
.698	14.072	-.00970	1.12839	.05225	.34008	-.08312	.26747	-.12579	-48.30890	102.71800	384.03500
.697	16.054	-.00664	1.12720	.05930	.42679	-.08125	.34413	-.13161	-49.89050	130.45000	379.07100
.700	18.597	-.00415	1.12639	.06917	.53317	-.07948	.43889	-.14061	-53.05350	165.60200	377.32200
	GRADIENT	-.00311	.11316	.00033	.04399	.00026	-.02514	-.01922	-.10266	15.42828	144.88101

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (BVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.797	-4.033	.03576	1.17007	.06456	-.33981	.02875	-.36578	-.03239	-14.09010	-159.11900	435.01500
.800	-1.961	.03773	1.17134	.06592	-.24561	.03978	-.28182	-.02364	-10.35190	-123.39100	437.83900
.801	.024	.03749	1.17177	.07008	-.16196	.03887	-.21062	-.02833	-12.36480	-91.91280	436.38300
.802	1.998	.03620	1.17240	.07213	-.06371	.03960	-.12346	-.02956	-12.86800	-53.73580	435.26200
.799	4.038	.05047	1.17071	.06858	.02444	.03787	-.04005	-.02786	-12.07720	-17.35970	433.45800
.799	5.997	.05202	1.17052	.06930	.10630	.03842	.03359	-.02805	-12.14910	14.55050	433.12600
.799	8.010	.04222	1.17019	.06809	.18746	.03624	.10832	-.02889	-12.50860	46.89280	432.93000
.799	10.015	.04615	1.17139	.06532	.26770	.04201	.18297	-.02108	-9.20170	79.88350	436.59900
.798	11.997	.05414	1.17072	.06596	.35176	.05009	.25869	-.01437	-6.25428	112.58600	435.21100
.799	14.004	.03374	1.16970	.07053	.43952	.05282	.33570	-.01610	-6.97316	145.36100	433.00600
.799	15.993	.04293	1.16993	.06884	.51985	.05572	.40960	-.01192	-5.17595	177.84700	434.19800
.800	17.991	.04556	1.16958	.08324	.59660	.05407	.47256	-.02684	-11.50210	202.48200	428.47700
	GRADIENT	.00139	.00012	.00071	.04528	.00091	.04028	.00016	.07836	17.56715	-.28051

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (BVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.599	-3.401	-.21175	1.09429	.06226	-.49861	-.24556	-.54347	-.29827	-96.61780	-176.04600	323.92700
.598	-1.403	-.16908	1.09404	.05173	-.42603	-.23578	-.45837	-.27583	-90.29170	-150.04300	327.34000
.599	.646	-.12516	1.09402	.05077	-.34918	-.22128	-.38337	-.26077	-85.54700	-125.76800	328.05600
.599	2.654	-.08287	1.09390	.05188	-.26266	-.19469	-.30185	-.23662	-77.63930	-99.04400	328.12300
.599	4.671	-.04033	1.09256	.05934	-.16824	-.18316	-.22026	-.23470	-75.98590	-71.31160	323.75900
.600	6.702	.00224	1.09481	.05092	-.07615	-.18491	-.12172	-.22592	-74.33250	-40.04980	329.02800
	GRADIENT	.02124	-.00018	-.00028	.04080	.00821	.03975	.00823	2.66878	12.89336	.02205

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (BVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.402	8.090	.07801	1.04408	.04457	-.11090	-.29723	-.15554	-.34196	-63.98050	-29.10090	187.10000
.402	10.029	.07122	1.04375	.04644	-.02156	-.29099	-.06819	-.33835	-63.26170	-12.74970	186.97200
.398	12.103	.07898	1.04415	.00000	.07406	-.29239	.00409	-.03233	-59.81100	7.56336	1850.22000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (BVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.199	-3.797	.10715	.99769	.04311	.75232	.35712	.74296	.32895	31.15520	70.36570	94.71020
.200	-1.827	.10769	1.00345	.04121	.68601	.36693	.67010	.33851	32.45040	64.23760	95.86280
.199	.128	.10926	1.00932	.03981	.61543	.38246	.59372	.35343	34.03330	57.17220	96.29490
.200	2.188	.11057	1.00459	.04311	.52866	.39703	.50500	.36810	35.47240	48.66480	96.36690
.200	4.178	.11165	.99771	.03076	.42961	.40146	.41249	.38338	37.05530	39.86910	96.65500
.201	6.184	.11272	1.00915	.04753	.36221	.42710	.32724	.39472	38.35040	31.79440	97.15940
.200	8.191	.11390	1.00332	.03261	.25968	.42396	.23392	.40316	39.14190	22.71030	97.08740
.200	10.196	.11508	1.00934	.04197	.17065	.43155	.13302	.40272	39.06990	12.90520	97.01540
.201	12.206	.11617	1.00420	.04206	.06706	.42996	.02599	.40316	39.14190	2.52336	97.08740
.201	14.201	.11743	1.01020	.04079	-.01629	.43814	-.05888	.40989	40.14920	-5.76768	97.95190
.201	16.191	.11849	1.01186	.04581	-.11155	.43913	-.16289	.40714	39.64560	-15.86110	97.37520
	GRADIENT	.00060	.00005	-.00114	-.04023	.00595	-.04139	.00694	.74244	-3.83692	.21937

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (8VR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.249	-3.792	.10600	1.02258	.05905	.74185	.37289	.70865	.32572	31.08330	67.62610	95.43020
.250	-1.773	.10662	1.01389	.05568	.66935	.37092	.64044	.32899	31.44300	61.20950	95.57450
.250	.184	.10813	1.01533	.05498	.59893	.38633	.56641	.34503	33.02600	54.21620	95.71850
.250	2.014	.04949	1.01264	.05444	.51562	.39513	.48130	.35556	34.03330	46.06940	95.71850
.250	4.008	.05110	1.01214	.05563	.43070	.40768	.39213	.36806	35.25650	37.56200	95.79050
.249	6.214	.11235	1.01407	.05384	.34881	.41855	.30719	.37982	36.19190	29.27100	95.28660
.249	8.120	.11321	1.01446	.05153	.27195	.42107	.22891	.38377	36.62360	21.84510	95.43070
.249	10.135	.11312	1.01353	.05192	.18516	.42179	.13857	.38464	36.62360	13.19360	95.21460
.248	12.159	.11290	1.01558	.05498	.08571	.42306	.03200	.38318	36.26380	3.02803	94.63820
.248	14.153	.11259	1.01309	.05619	-.01411	.41943	-.07347	.37960	35.76020	-6.92122	94.20580
.247	16.205	.11093	1.01898	.06257	-.11224	.42179	-.18278	.37559	35.11260	-17.08680	93.48540
	GRADIENT	-.00853	-.00115	-.00042	-.04000	.00483	-.04083	.00573	.56333	-3.87921	.04477

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (8VR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.398	-3.955	.08474	1.03895	.05705	.71219	.36926	.66722	.31797	61.87880	129.84500	194.60600
.398	-1.919	.08234	1.03753	.05337	.63101	.36574	.58694	.31740	61.95070	114.56100	195.18200
.399	.045	.08365	1.03847	.05385	.54938	.37595	.50327	.32713	64.10930	98.62740	195.97500
.400	2.049	.08145	1.03965	.05169	.46243	.37768	.41575	.32997	65.11660	82.04530	197.34300
.401	4.068	.08041	1.03955	.05336	.37703	.38715	.32820	.33846	66.91540	64.88640	197.70300
.401	6.054	.08020	1.03934	.05087	.28978	.39524	.24170	.34838	69.00200	47.87180	198.06300
.401	10.066	.08022	1.03823	.05263	.11429	.39682	.06256	.34922	69.21790	12.40050	198.20800
.401	14.041	.08049	1.03914	.05566	-.06628	.39569	-.12399	.34574	68.35440	-24.51260	197.70300
.400	18.068	.08197	1.03634	.06090	-.23910	.39593	-.30755	.34346	66.98740	-59.98390	195.03700
	GRADIENT	-.00048	.00017	-.00045	-.04192	.00238	-.04243	.00267	.66102	-8.11636	.41731

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (BVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.601	-1.984	-.03546	1.09295	.05916	.53421	.30584	.45952	.23861	103.25100	198.84100	432.71200
.602	2.113	-.03681	1.09294	.05373	.36474	.29461	.29928	.23180	101.23700	130.71000	436.74700
.603	6.096	-.03828	1.09253	.05195	.20078	.28501	.14303	.22398	97.99870	62.57940	437.53900
.603	10.092	-.03644	1.09304	.05342	.02405	.29386	-.02825	.23127	101.52400	-12.40050	438.97900
.602	14.084	-.03439	1.09410	.05563	-.15111	.29963	-.19908	.23496	102.53200	-86.87570	436.38600
.600	18.076	-.02931	1.09088	.06611	-.32947	.31268	-.38602	.24061	103.17900	-165.53300	428.82100
	GRADIENT	-.00033	-.00000	-.00132	-.04136	-.00274	-.03911	-.00166	-.49152	-16.62750	.98475

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.701	-1.948	-.00591	1.12710	.06528	.48640	.21833	.39660	.14414	80.15460	220.54200	556.08400
.703	2.092	-.00562	1.12848	.05891	.30818	.21618	.23305	.14705	82.74480	131.14300	562.71200
.702	6.062	-.00736	1.12778	.05688	.12421	.19881	.06288	.13253	74.61430	35.39920	563.00100
.701	10.088	-.00223	1.12868	.05781	-.05300	.19296	-.10348	.12621	70.87280	-58.10940	561.56000
.699	14.026	.00045	1.12717	.06124	-.22051	.20204	-.26433	.13209	73.60690	-147.25200	557.23800
.696	18.000	.00102	1.12563	.07178	-.37776	.22982	-.42657	.14997	82.09730	-233.51900	547.43900
	GRADIENT	.00007	.00034	-.00158	-.04412	-.00053	-.04049	.00072	.64126	-22.13257	1.64090

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (BVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CPTF	CPSF	CPFA	CPFB	RAF	RBF	DP96	DP97	DP98
.800	8.002	.04638	1.16849	.06655	-.06312	.08993	-.11767	.02122	14.53430	-80.60340	685.00300
.800	12.022	.04638	1.17030	.07002	-.22748	.08575	-.27038	.01430	9.78548	-184.99800	684.20900
.800	16.027	.04795	1.16999	.07728	-.37601	.09509	-.41483	.01630	11.08060	-282.04000	679.88500
.799	18.019	.05142	1.16799	.08313	-.43835	.11345	-.48069	.02795	18.85140	-324.21600	674.48100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (CVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.202	-3.800	3501.79999	3404.00000	96.81690	97.80460	.12342	3453.79001	3400.64999	3493.60999	3324.64001	-3.78244
.200	-1.769	3495.39999	3399.48001	94.97160	95.91440	.11931	3459.07001	3401.20001	3484.54999	3337.25000	-3.05778
.200	.186	3500.50000	3403.92001	95.61280	96.57220	.11558	3471.09000	3411.07001	3481.89001	3355.32001	-2.41127
.200	2.183	3500.70001	3404.45001	95.29070	96.23980	.11190	3478.72000	3416.32999	3476.63000	3365.23999	-1.92797
.201	4.203	3501.89999	3405.01001	95.92380	96.88220	.10783	3492.45999	3420.12000	3466.10999	3376.81000	-1.25789
.200	6.211	3501.60001	3405.42001	95.22780	96.17290	.10813	3496.84000	3421.34000	3455.72000	3388.39001	-.90038
.200	8.188	3496.29999	3399.89001	95.44910	96.39940	.10780	3494.57001	3416.78000	3440.48001	3396.04999	-.58231
.200	10.192	3502.10001	3405.94000	95.20670	96.15520	.11433	3502.03000	3422.95001	3433.89999	3414.82001	-.24569
.200	12.199	3497.60001	3401.59000	95.05350	95.99680	.10878	3497.89001	3418.95001	3418.45001	3421.54999	.03986
.200	14.190	3502.79999	3406.79001	95.06090	96.00370	.11150	3502.37000	3421.32001	3411.50000	3437.76999	.33799
.200	16.206	3497.00000	3401.26999	94.78370	95.72170	.11339	3494.76999	3415.39999	3391.75000	3443.64001	.67321
.199	18.545	3504.60001	3409.01999	94.63370	95.56930	.11660	3497.39001	3419.85001	3383.35999	3464.20001	1.09818
	GRADIENT	.27230	.34746	-.07400	-.07663	-.00193	4.85899	2.70579	-3.15601	6.62802	.30963

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.250	-3.994	2386.29999	2284.51001	100.20800	101.78600	.04844	2336.48999	2282.98999	2382.62000	2203.09000	-4.11400
.251	-1.991	2385.20001	2282.79001	100.81500	102.40800	.04767	2346.56000	2285.67999	2375.17001	2216.03000	-3.12245
.251	-.002	2390.20001	2288.00000	100.60500	102.19200	.04780	2360.50000	2297.42999	2374.13000	2239.17999	-2.50624
.252	2.006	2389.50000	2286.57001	101.31300	102.92400	.04717	2367.59000	2300.20999	2364.39001	2249.28000	-1.89468
.252	4.003	2389.79999	2286.79001	101.39400	103.00400	.04770	2379.92001	2303.66000	2354.45999	2259.73999	-1.30076
.252	6.015	2385.70001	2282.56000	101.51300	103.12900	.04789	2380.87000	2300.35999	2339.69000	2268.17001	-.92958
.252	8.011	2385.10001	2281.70999	101.75500	103.38000	.04951	2383.59000	2301.56000	2327.32001	2281.60999	-.57773
.249	10.215	2391.50000	2290.64999	99.30050	100.84500	.10299	2391.35999	2309.37000	2322.26001	2302.70001	-.24794
.248	12.197	2388.60001	2288.31000	98.76210	100.29200	.09944	2388.89001	2308.14001	2309.48999	2311.47000	.02529
.248	14.193	2389.00000	2288.54001	98.92430	100.45900	.09332	2388.85999	2305.41000	2296.42001	2322.45999	.32784
.248	16.215	2387.29999	2287.10999	98.66000	100.18500	.12333	2385.07001	2301.89001	2280.76001	2333.29001	.67308
.248	18.193	2388.50000	2288.10001	98.86330	100.39200	.09355	2382.45001	2301.29001	2267.57999	2345.29001	1.02237
.248	18.546	2389.00000	2288.63000	98.83330	100.36100	.09286	2382.01001	2301.98999	2266.34000	2346.87000	1.06803
	GRADIENT	.56472	.41659	.14363	.14773	-.00010	5.39609	2.79376	-3.35702	7.32911	.34284

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (CVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.398	-3.921	1996.70000	1790.42000	198.30900	206.27700	.09254	1900.11000	1789.71001	1982.28999	1628.12000	-3.73187
.399	-1.992	1848.30000	1656.06000	184.75700	192.23200	.08904	1778.67000	1662.27000	1827.21001	1533.95000	-2.98978
.400	.004	1848.70000	1655.48000	185.66400	193.21500	.08506	1794.35001	1671.06000	1815.56000	1563.95000	-2.40553
.401	1.955	1849.10001	1655.12000	186.36400	193.97500	.08228	1805.13000	1679.46001	1802.08000	1583.36000	-1.94569
.402	4.038	1846.70000	1652.42999	186.62300	194.26800	.07868	1829.25999	1685.17999	1781.44000	1602.13000	-1.30436
.402	6.021	1851.39999	1656.37000	187.34000	195.02500	.07456	1842.75000	1690.27000	1765.78000	1628.00999	-.94456
.402	8.027	1850.39999	1655.24001	187.45600	195.15600	.07702	1847.52000	1689.89999	1741.25999	1652.72000	-.58818
.402	10.060	1850.39999	1654.99001	187.68200	195.40100	.07771	1850.11000	1691.38000	1718.80000	1676.70000	-.27631
.403	12.046	1850.00000	1654.20000	188.03700	195.79200	.07004	1850.22000	1691.39000	1697.12000	1698.12000	.00654
.403	14.047	1850.30000	1654.06000	188.44400	196.23600	.06997	1849.87000	1687.87000	1672.19000	1721.53999	.32254
.404	16.044	1851.10001	1654.20000	189.06100	196.90400	.06871	1847.14000	1683.78000	1641.37000	1744.37000	.66771
.404	18.457	1850.00000	1653.14999	189.00700	196.84500	.06756	1836.88000	1678.69000	1611.41000	1769.41000	1.07875
	GRADIENT	-14.93087	-13.82194	-1.08345	-1.10867	-.00173	-5.66845	-9.54023	-21.36700	-.03304	.29684

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.600	-3.926	1599.70000	1253.69000	316.44300	346.00200	-.04180	1451.14000	1262.14999	1577.92999	1001.25000	-3.56962
.600	-1.919	1597.70000	1252.61000	315.64700	345.08200	-.04183	1480.64000	1270.63000	1558.67999	1044.39999	-2.87144
.600	.047	1600.10001	1254.70000	315.95300	345.39900	-.02173	1510.78999	1283.48000	1537.66000	1104.49001	-2.28321
.600	2.062	1597.30000	1251.91000	315.88700	345.38600	-.04339	1528.03000	1296.11000	1511.52000	1143.17000	-1.83545
.600	4.067	1598.20000	1253.11000	315.65800	345.08600	-.02457	1569.80000	1311.06000	1482.03000	1176.25999	-1.27060
.601	6.039	1600.60001	1253.47000	317.38000	347.12600	-.03523	1586.25999	1317.31000	1449.37000	1216.67999	-.91889
.602	8.092	1599.20000	1252.08000	317.34700	347.11800	-.03356	1594.08000	1315.75999	1407.56000	1258.71001	-.57043
.599	10.057	1597.20000	1252.73000	315.13500	344.47100	-.03304	1596.98000	1320.39000	1373.37000	1298.19000	-.28782
.600	12.033	1594.70000	1250.34000	314.99400	344.36000	-.02579	1595.06000	1318.72000	1336.61000	1334.78999	-.00700
.599	14.076	1595.80000	1252.55000	314.10200	343.25000	-.01852	1595.50999	1316.53000	1299.70000	1375.86000	.29552
.598	16.041	1593.60001	1251.78000	312.88400	341.81700	-.04037	1588.70000	1309.22000	1258.05000	1411.47000	.60416
.599	18.555	1599.60001	1255.22000	315.10700	344.38000	-.03640	1579.92000	1304.24001	1199.97000	1459.60001	1.03796
	GRADIENT	-.17127	-.09401	-.06674	-.07666	.00164	14.25906	6.17554	-11.97013	22.46867	.28214

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (CVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.698	-4.032	1443.10001	1042.61000	355.15600	400.49100	.02723	1282.14999	1060.63000	1417.27000	772.48800	-3.44307
.700	-1.862	1442.80000	1040.28000	356.67800	402.51700	-.01281	1310.60001	1068.50000	1396.60001	808.48300	-2.82660
.702	.106	1445.39999	1039.83000	359.07600	405.57100	-.01359	1343.12000	1079.22000	1372.00000	873.73800	-2.26222
.702	2.124	1443.80000	1039.14999	358.32500	404.65100	.00724	1371.14000	1095.05000	1343.85001	931.55100	-1.76618
.702	4.128	1447.00000	1041.02000	359.44500	405.98200	-.01371	1416.50999	1113.25999	1313.98000	973.42300	-1.24837
.702	6.108	1441.80000	1037.56000	357.94000	404.23900	.00084	1426.95000	1117.42999	1273.32001	1012.30000	-.91862
.701	8.109	1444.30000	1040.05000	358.03900	404.24800	-.00470	1439.11000	1120.08000	1232.17000	1060.81000	-.58557
.701	10.053	1447.00000	1042.23000	358.52800	404.76200	-.00545	1446.35001	1124.84000	1194.39000	1105.21001	-.30071
.700	12.059	1443.00000	1040.28000	356.83900	402.72100	.00385	1443.28999	1124.08000	1152.19000	1146.58000	-.01909
.698	14.072	1447.50000	1044.96001	356.86200	402.53100	-.00970	1447.07001	1123.08000	1109.14000	1195.16000	.29167
.697	16.054	1444.20000	1044.00999	354.96800	400.19000	-.00664	1438.87000	1116.45000	1060.81000	1235.92999	.60283
.700	18.597	1444.50000	1041.77000	356.89800	402.72400	-.00415	1424.46001	1107.23000	996.59200	1284.62000	1.01472
	GRADIENT	.43096	-.21641	.50478	.64766	-.00311	16.19842	6.47697	-12.75569	25.81772	.26846

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.797	-4.033	1344.50000	884.44300	393.49600	460.05500	.03576	1178.92999	918.51200	1308.62000	623.11600	-3.21736
.800	-1.961	1348.39999	884.88500	396.08400	463.51400	.03773	1202.22000	926.83800	1293.34000	642.78800	-2.77831
.801	.024	1346.50000	882.78900	396.10300	463.70700	.03749	1229.30000	936.51300	1267.03999	706.13400	-2.31102
.802	1.998	1342.80000	879.50800	395.59500	463.29000	.03620	1254.92999	950.03400	1233.49001	772.65000	-1.82971
.799	4.038	1340.10001	879.95800	393.29200	460.14000	.05047	1308.60001	970.83900	1196.07001	823.74600	-1.24652
.799	5.997	1339.39999	879.15900	393.31700	460.23800	.05202	1323.53999	978.37700	1155.08000	872.73700	-.91185
.799	8.010	1339.20000	879.66800	392.82200	459.52900	.04222	1333.87000	979.53500	1116.46001	921.58000	-.61899
.799	10.015	1344.39999	882.52000	394.73200	461.87800	.04615	1343.75000	984.77500	1074.20000	971.06900	-.32117
.798	11.997	1343.89999	883.13600	393.94200	460.76300	.05414	1344.48000	986.03400	1028.99001	1018.75000	-.03194
.799	14.004	1342.70000	881.83900	393.93700	460.85800	.03374	1342.56000	982.39300	983.60500	1064.86000	.25527
.799	15.993	1344.70000	883.42700	394.33700	461.26900	.04293	1339.94000	977.70400	932.69400	1112.23000	.56551
.799	17.991	1341.60001	879.93300	394.41900	461.66200	.04556	1326.03000	969.81500	873.65700	1152.99001	.89328
.800	GRADIENT	-.71169	-.71110	-.04294	-.00063	.00139	15.52297	6.35781	-14.16414	26.38733	.24324

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OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 I (CVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.599	-3.401	1593.20000	1250.16000	313.87500	343.03700	-.21175	1456.25000	1268.27000	1562.66000	1019.81000	-3.28978
.598	-1.403	1597.20000	1254.05000	314.05100	343.15300	-.16908	1486.92000	1277.00000	1548.84000	1062.91000	-2.68411
.599	.646	1596.70000	1253.03999	314.45700	343.65800	-.12516	1513.59000	1287.70000	1524.94000	1122.48000	-2.11949
.599	2.654	1597.39999	1253.23000	314.89000	344.16800	-.08287	1552.28000	1301.87000	1501.58000	1155.80000	-1.54653
.599	4.671	1592.00000	1249.58000	313.34700	342.41900	-.04033	1569.22000	1311.03999	1468.71001	1185.39999	-1.16989
.600	6.702	1596.10001	1251.53000	315.19300	344.56900	.00224	1585.72000	1315.60001	1432.89000	1229.25000	-.79970
	GRADIENT	-.10936	-.09866	-.01060	-.01076	.02124	14.41952	5.46581	-11.64214	20.99827	.26620

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (CVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.402	8.090	1851.60001	1656.73000	187.19000	194.86400	.07801	1848.64000	1690.86000	1740.28000	1655.42999	-.56270
.402	10.029	1852.50000	1657.32001	187.47800	195.17400	.07122	1852.28000	1693.86000	1718.47000	1679.88000	-.25207
.398	12.103	1849.50000	1658.25000	183.85800	191.25100	.07898	1849.64000	1692.82001	1694.12000	1701.94000	.05157
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.205	-1.736	3682.39999	3576.50000	104.79900	105.89200	.10781	3643.57001	3574.29001	.00000	.00000	.00000
.203	.234	3679.89999	3576.01001	102.82500	103.87900	.10590	3653.03000	3580.29999	.00000	.00000	.00000
.201	2.291	3684.20001	3582.26999	100.90900	101.92600	.10653	3667.41000	3592.57001	.00000	.00000	.00000
.199	4.149	3679.29999	3579.54999	98.76800	99.73890	.10717	3669.29001	3592.29999	.00000	.00000	.00000
.198	6.163	3681.29999	3581.60001	98.72500	99.70030	.10813	3676.32999	3594.53000	.00000	.00000	.00000
.199	8.167	3683.79999	3583.56000	99.25430	100.23000	.10866	3682.42999	3598.67001	.00000	.00000	.00000
.199	10.177	3676.70001	3576.78000	98.93630	99.90730	.10863	3676.56000	3591.70999	.00000	.00000	.00000
.200	12.191	3682.39999	3581.48999	99.91100	100.90300	.10791	.00000	3596.81000	.00000	.00000	.00000
.200	14.188	3682.29999	3580.67999	100.60800	101.61100	.10786	3681.57999	3594.54001	.00000	.00000	.00000
.200	16.186	3680.10001	3578.57999	100.50600	101.51700	.10768	3676.79001	3590.85999	.00000	.00000	.00000
	GRADIENT	-.23826	.79633	-1.01425	-1.03468	-.00007	4.66602	3.38520	.00000	.00000	.00000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.249	-1.876	2403.70001	2301.88000	100.24900	101.81300	.11068	2365.20999	2301.39999	.00000	.00000	.00000
.252	.057	2403.20001	2299.73999	101.83800	103.45300	.05129	2377.10999	2304.76001	.00000	.00000	.00000
.250	1.995	2402.10001	2299.82999	100.68400	102.26200	.05179	2384.66000	2311.10999	.00000	.00000	.00000
.250	4.120	2402.00000	2300.19000	100.23800	101.80200	.11117	2391.39999	2314.19000	.00000	.00000	.00000
.249	6.124	2401.79999	2300.35999	99.88360	101.43700	.11102	2396.54001	2314.73999	.00000	.00000	.00000
.250	8.170	2401.79999	2299.76999	100.45100	102.02000	.11119	2399.92999	2314.89999	.00000	.00000	.00000
.250	10.164	2402.00000	2300.07999	100.34900	101.91600	.11133	2401.70999	2315.48001	.00000	.00000	.00000
.250	12.193	2401.20001	2299.12000	100.50100	102.07900	.11155	2401.06000	2314.78000	.00000	.00000	.00000
.250	14.177	2400.20001	2298.28000	100.34800	101.91500	.11119	2399.32999	2312.98999	.00000	.00000	.00000
.251	15.988	2399.50000	2296.73001	101.16800	102.76400	.05039	2396.39999	2310.22000	.00000	.00000	.00000
	GRADIENT	-.30926	-.24460	-.06289	-.06485	.00039	4.30847	2.23939	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.396	-3.998	1850.50000	1660.67999	182.54100	189.81800	.07576	1758.64000	1655.28999	.00000	.00000	.00000
.397	-1.853	1849.50000	1659.22000	182.96100	190.27500	.07473	1783.36000	1662.13000	.00000	.00000	.00000
.398	.077	1851.80000	1660.42999	183.97500	191.36500	.07433	1805.33000	1670.82001	.00000	.00000	.00000
.398	2.150	1852.89999	1660.95000	184.51000	191.94200	.07357	1822.78000	1681.56000	.00000	.00000	.00000
.399	4.000	1850.39999	1658.45000	184.50500	191.95200	.07232	1831.74001	1684.94000	.00000	.00000	.00000
.399	6.023	1851.60001	1658.91000	185.19100	192.68700	.07741	1842.59000	1687.23000	.00000	.00000	.00000
.399	8.015	1850.70000	1658.33000	184.89400	192.36800	.07766	1847.67000	1689.22000	.00000	.00000	.00000
.399	10.050	1850.30000	1658.09000	184.74000	192.20300	.07656	1850.23000	1688.80000	.00000	.00000	.00000
.400	12.038	1850.10001	1657.27000	185.31400	192.83100	.08017	1850.32001	1689.87000	.00000	.00000	.00000
.400	14.016	1849.89999	1657.14999	185.23800	192.74600	.08562	1848.82001	1687.25000	.00000	.00000	.00000
.399	16.046	1849.70000	1657.45000	184.77400	192.24300	.08973	1844.58000	1684.25999	.00000	.00000	.00000
	GRADIENT	.16285	-.13438	.27453	.29746	-.00040	9.30564	3.94100	.00000	.00000	.00000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.597	-3.912	2183.10001	1715.35001	428.20200	467.74800	-.03110	1977.17000	1709.62000	.00000	.00000	.00000
.598	-1.986	2184.39999	1714.71001	429.82000	469.68400	-.03398	2031.59000	1723.50000	.00000	.00000	.00000
.599	.064	2180.20001	1710.33000	429.88600	469.86700	-.03601	2074.75000	1741.77000	.00000	.00000	.00000
.599	2.044	2176.79999	1708.06000	428.88700	468.73500	-.03658	2106.51999	1766.09000	.00000	.00000	.00000
.600	4.048	2179.60001	1709.02000	430.45500	470.57900	-.03948	2137.00000	1781.72000	.00000	.00000	.00000
.600	6.067	2182.29999	1710.49001	431.52100	471.81300	-.04003	2161.10999	1790.39000	.00000	.00000	.00000
.600	8.052	2182.10001	1711.10001	430.84900	470.99700	-.03974	2174.89001	1794.78999	.00000	.00000	.00000
.599	10.064	2178.70001	1709.44000	429.35000	469.25100	-.03939	2177.76001	1795.14000	.00000	.00000	.00000
.599	12.054	2178.70001	1709.44000	429.35000	469.25100	-.03830	2179.13000	1794.62000	.00000	.00000	.00000
.599	14.089	2180.79999	1710.82001	429.98400	469.97600	-.03841	2179.20999	1792.50999	.00000	.00000	.00000
.598	16.036	2180.29999	1712.46001	428.21900	467.83700	-.03823	2170.85999	1789.07001	.00000	.00000	.00000
	GRADIENT	-.73424	-.96930	.17821	.23522	-.00097	19.76758	9.36548	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.699	-1.948	2111.50000	1523.58000	521.11300	587.91500	-.00568	1939.23000	1551.13000	.00000	.00000	.00000
.700	.086	2112.79999	1523.75999	522.00800	589.03700	-.00576	1993.14999	1573.92999	.00000	.00000	.00000
.701	2.068	2114.00000	1522.72000	523.74000	591.26900	-.00435	2035.14000	1597.36000	.00000	.00000	.00000
.701	4.043	2114.39999	1522.92000	523.90900	591.47400	-.00724	2066.97000	1621.17999	.00000	.00000	.00000
.702	6.053	2118.70001	1524.87000	525.84200	593.83300	-.00528	2095.48999	1630.20000	.00000	.00000	.00000
.702	8.087	2119.20001	1525.47000	525.78600	593.73200	-.00535	2111.20001	1637.38000	.00000	.00000	.00000
.701	10.054	2119.29999	1527.09000	524.64300	592.21000	-.00446	2118.00000	1640.96001	.00000	.00000	.00000
.700	12.048	2119.60001	1527.59000	524.50200	592.01100	-.00496	2119.38000	1641.09000	.00000	.00000	.00000
.699	14.091	2120.20001	1530.11000	523.07200	590.08600	-.00420	2117.53000	1640.30000	.00000	.00000	.00000
.698	16.021	2120.79999	1532.33000	521.86900	588.46900	.00308	2109.41000	1638.99001	.00000	.00000	.00000
	GRADIENT	.49667	-.15107	.50737	.64718	-.00016	21.32351	11.70369	.00000	.00000	.00000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.800	-1.928	2116.20001	1388.82001	621.57600	727.38200	.05483	1927.72000	1442.23000	.00000	.00000	.00000
.800	.088	2114.39999	1387.63000	621.04800	726.76200	.05206	1981.75999	1465.39000	.00000	.00000	.00000
.800	1.962	2114.39999	1387.03000	621.46100	727.37000	.05047	2024.99001	1492.39999	.00000	.00000	.00000
.799	3.918	2118.10001	1390.39999	621.90300	727.69100	.04433	2063.26999	1525.35001	.00000	.00000	.00000
.800	5.929	2119.70001	1390.88000	622.76200	728.81400	.04650	2092.25000	1533.92000	.00000	.00000	.00000
.800	7.964	2117.79999	1390.00000	621.95300	727.79600	.04279	2108.22000	1539.28999	.00000	.00000	.00000
.800	9.998	2117.00000	1389.11000	621.97100	727.89000	.04286	2115.98999	1541.35001	.00000	.00000	.00000
.800	11.984	2115.89999	1388.32001	621.69400	727.58300	.04583	2116.48001	1540.84000	.00000	.00000	.00000
.800	13.984	2114.79999	1387.53000	621.41800	727.26800	.05037	2113.20999	1538.16000	.00000	.00000	.00000
.800	16.014	2113.79999	1386.94000	621.07900	726.85900	.05429	2102.63000	1536.05000	.00000	.00000	.00000
	GRADIENT	.29036	.21162	.07049	.07742	-.00170	23.18873	14.22888	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.850	-1.986	2113.29999	1318.22000	666.05700	795.07600	.06616	1918.19000	1394.60001	.00000	.00000	.00000
.850	-.060	2113.29999	1317.50999	666.50800	795.78400	.11948	1971.64999	1413.07001	.00000	.00000	.00000
.850	1.941	2114.00000	1318.11000	666.62800	795.88500	.03653	2020.84000	1444.59000	.00000	.00000	.00000
.850	3.959	2116.00000	1319.39000	667.23700	796.60900	.04526	2059.44000	1478.98000	.00000	.00000	.00000
.850	5.921	2115.39999	1319.10001	666.99600	796.30200	.04847	2086.51001	1487.89999	.00000	.00000	.00000
.850	7.977	2115.60001	1318.99001	667.20500	796.60300	.10302	2105.59000	1493.64000	.00000	.00000	.00000
.850	9.994	2115.50000	1318.89000	667.19800	796.60500	.10677	2114.35001	1496.86000	.00000	.00000	.00000
.850	12.000	2115.29999	1319.50000	666.66600	795.79500	.05483	2115.95001	1497.89000	.00000	.00000	.00000
.850	13.998	2115.00000	1318.60001	667.02900	796.39600	.09916	2113.41000	1495.41000	.00000	.00000	.00000
.850	16.000	2114.39999	1318.61000	666.59500	795.79100	.04033	2103.66000	1494.11000	.00000	.00000	.00000
.850	18.007	2116.29999	1319.78999	667.19600	796.51000	.04174	2086.47000	1489.61000	.00000	.00000	.00000
	GRADIENT	.44587	.20960	.18457	.23678	-.00743	23.82615	14.37055	.00000	.00000	.00000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.902	-3.966	2135.50000	1259.66000	717.68300	875.83800	.12589	1865.20000	1348.31000	.00000	.00000	.00000
.903	-2.086	2135.70001	1258.95000	718.24000	876.74300	.11509	1926.81000	1361.87000	.00000	.00000	.00000
.902	-.097	2135.10001	1259.16000	717.70400	875.93300	.10329	1984.52000	1384.81000	.00000	.00000	.00000
.898	1.907	2135.39999	1265.41000	714.19400	869.98700	.12601	2035.14000	1423.71001	.00000	.00000	.00000
.900	3.946	2136.70001	1263.67000	716.12100	873.02100	.12018	2075.79001	1459.31000	.00000	.00000	.00000
.900	5.975	2137.20001	1263.25999	716.70900	873.93400	.08075	2106.13000	1468.63000	.00000	.00000	.00000
.899	7.994	2136.60001	1264.48000	715.57100	872.11200	.10163	2125.07001	1474.59000	.00000	.00000	.00000
.896	10.011	2136.20001	1268.62000	712.82300	867.57300	.09172	2134.25000	1478.47000	.00000	.00000	.00000
.901	12.003	2135.79999	1262.07001	716.45400	873.72500	.04963	2136.09000	1476.87000	.00000	.00000	.00000
.898	14.024	2134.79999	1264.31000	714.43800	870.48800	.07039	2133.50000	1475.85001	.00000	.00000	.00000
.895	15.974	2134.20001	1268.35001	711.60800	865.84400	.06310	2124.47000	1476.12000	.00000	.00000	.00000
.896	18.011	2134.79999	1267.03000	712.81200	867.76600	.05068	2106.17999	1473.60000	.00000	.00000	.00000
	GRADIENT	.10744	.73390	-.36271	-.62696	.00000	26.68845	14.35923	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.949	-1.976	2121.00000	1187.84000	748.97000	933.15500	.07630	1920.27000	1329.25999	.00000	.00000	.00000
.950	-.019	2113.29999	1181.81000	747.19700	931.48900	.02780	1968.12000	1343.92000	.00000	.00000	.00000
.950	1.978	2120.10001	1186.75000	748.97700	933.34900	.08004	2022.91000	1377.39000	.00000	.00000	.00000
.951	3.955	2114.29999	1181.99001	747.75400	932.30000	.03080	2055.57999	1415.25999	.00000	.00000	.00000
.950	6.019	2113.60001	1182.91000	746.79000	930.69000	.07584	2084.20001	1419.77000	.00000	.00000	.00000
.949	7.955	2118.70001	1186.66000	748.09700	932.03200	.07353	2107.82001	1428.83000	.00000	.00000	.00000
.949	9.976	2118.60001	1186.77000	747.97500	931.83100	.07278	2117.38000	1433.89999	.00000	.00000	.00000
.950	12.045	2118.10001	1185.36000	748.41500	932.72900	.06039	2118.53000	1433.87000	.00000	.00000	.00000
.950	13.979	2116.50000	1184.28000	747.95300	932.21700	.05329	2115.28000	1430.47000	.00000	.00000	.00000
.949	16.000	2115.20001	1184.20000	747.14000	931.00300	.02293	2104.60999	1427.63000	.00000	.00000	.00000
.949	17.985	2114.20001	1184.11000	746.52700	930.09100	.04456	2084.79999	1425.44000	.00000	.00000	.00000
	GRADIENT	-.66747	-.63373	-.09326	-.03449	-.00423	23.28122	14.73593	.00000	.00000	.00000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.978	-1.925	2120.29999	1148.52000	769.57300	971.77900	-.00323	1921.66000	1314.52000	.00000	.00000	.00000
.981	-.047	2115.70001	1142.55000	769.71300	973.15000	.02611	1969.14999	1326.89999	.00000	.00000	.00000
.980	1.955	2117.10001	1144.53999	769.58100	972.55800	.02747	2019.11000	1361.12000	.00000	.00000	.00000
.981	3.974	2120.00000	1144.91000	771.26000	975.09100	.02677	2060.20001	1399.87000	.00000	.00000	.00000
.979	6.033	2118.60001	1147.14000	769.19800	971.46000	.02427	2088.98999	1408.92000	.00000	.00000	.00000
.980	8.012	2118.29999	1144.92999	770.15300	973.36600	.01845	2107.70999	1412.34000	.00000	.00000	.00000
.979	9.979	2118.29999	1146.03000	769.57800	972.26400	-.01260	2116.64001	1416.61000	.00000	.00000	.00000
.980	12.042	2116.89999	1144.14000	769.65900	972.75800	.00313	2117.48001	1416.80000	.00000	.00000	.00000
.979	13.949	2116.89999	1145.55000	768.92800	971.35000	-.02737	2115.67999	1414.53000	.00000	.00000	.00000
.975	16.022	2115.70001	1150.28999	765.67600	965.40800	-.04187	2105.10999	1412.45000	.00000	.00000	.00000
.980	18.030	2127.20001	1150.74001	772.86600	976.45200	-.01021	2097.44000	1417.38000	.00000	.00000	.00000
	GRADIENT	.04028	-.43447	.25239	.47494	.00458	23.62118	14.78491	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.051	-1.965	1901.39999	946.03700	730.85700	955.07300	-.02874	1723.66000	1155.92000	.00000	.00000	.00000
1.048	.092	1899.39999	947.86300	728.82000	951.28300	-.04657	1772.09000	1169.47000	.00000	.00000	.00000
1.050	1.953	1899.30000	945.95900	729.61500	953.06500	-.00823	1812.12000	1193.74001	.00000	.00000	.00000
1.049	3.969	1897.89999	946.47600	728.53200	951.16000	-.02458	1844.37000	1230.13000	.00000	.00000	.00000
1.051	6.022	1899.60001	944.65300	730.38300	954.64900	-.02959	1873.00999	1236.69000	.00000	.00000	.00000
1.050	8.021	1900.30000	946.65000	729.91300	953.37300	-.04148	1890.50000	1241.94000	.00000	.00000	.00000
1.050	9.992	1899.80000	945.45300	730.14700	954.05500	-.03040	1898.00000	1245.06000	.00000	.00000	.00000
1.049	12.003	1898.80000	946.46600	729.08400	952.06300	-.05588	1898.87000	1246.13000	.00000	.00000	.00000
1.049	14.001	1898.60001	945.86700	729.23200	952.45500	-.05704	1897.16000	1242.50999	.00000	.00000	.00000
1.049	16.023	1897.89999	945.77400	728.84800	951.85300	-.05926	1888.46001	1238.95000	.00000	.00000	.00000
1.047	18.007	1897.89999	948.08000	727.80900	949.58000	-.05240	1872.75999	1237.07001	.00000	.00000	.00000
	GRADIENT	-.54207	-.02361	-.31892	-.51552	.00248	20.45403	12.54091	.00000	.00000	.00000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.102	-4.231	1932.00000	902.38800	767.39000	1027.39999	.02364	1687.11000	1146.14000	.00000	.00000	.00000
1.097	-3.821	1930.60001	907.50000	764.55400	1021.19000	-.03837	1698.82001	1150.45000	.00000	.00000	.00000
1.100	-1.932	1930.20000	904.00500	765.70700	1024.12000	.05600	1749.64999	1164.03000	.00000	.00000	.00000
1.101	.131	1928.60001	902.62100	765.32300	1023.87000	.05050	1798.12000	1175.17000	.00000	.00000	.00000
1.099	2.006	1933.20000	906.67500	766.39700	1024.50999	-.02897	1843.72000	1198.52000	.00000	.00000	.00000
1.098	4.060	1928.30000	905.12300	764.15900	1021.21000	-.02636	1873.47000	1230.28999	.00000	.00000	.00000
1.098	6.010	1927.50000	905.03100	763.72900	1020.51000	-.01931	1897.89000	1242.16000	.00000	.00000	.00000
1.099	8.012	1932.39999	906.58300	765.96800	1023.82000	-.03436	1919.58000	1248.87000	.00000	.00000	.00000
1.098	9.988	1928.20000	905.32400	764.02100	1020.92000	-.03625	1324.24001	1251.61000	.00000	.00000	.00000
1.098	12.021	1930.00000	906.70600	764.52000	1021.36000	-.02056	1927.91000	1254.16000	.00000	.00000	.00000
1.098	14.008	1933.50000	908.27200	765.93800	1023.29000	.00772	1930.11000	1253.82001	.00000	.00000	.00000
1.097	15.982	1929.50000	906.61100	764.26700	1020.96000	-.03715	1919.05000	1248.73000	.00000	.00000	.00000
1.098	18.027	1930.00000	906.50600	764.60000	1021.55000	-.04283	1903.49001	1245.67000	.00000	.00000	.00000
	GRADIENT	-.18352	.10856	-.14927	-.28093	-.00362	23.05012	9.52777	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-4.230	1916.30000	843.42800	780.06500	1066.59000	.03930	1678.53999	1104.74001	.00000	.00000	.00000
1.150	-2.009	1917.20000	842.72300	780.80500	1068.07001	.05902	1739.24001	1119.83000	.00000	.00000	.00000
1.150	.011	1915.50000	842.33800	779.99000	1066.80000	.05415	1784.88000	1125.20000	.00000	.00000	.00000
1.151	2.027	1916.50000	842.03100	780.65000	1068.02000	.05535	1826.87000	1145.58000	.00000	.00000	.00000
1.151	4.114	1915.89999	841.73700	780.41600	1067.72000	.05286	1859.92000	1187.16000	.00000	.00000	.00000
1.149	5.708	1915.50000	843.53500	779.58400	1065.73000	.03843	1883.80000	1194.58000	.00000	.00000	.00000
1.149	8.003	1916.80000	844.52100	779.97200	1066.08000	.03478	1899.72000	1201.78000	.00000	.00000	.00000
1.150	10.080	1916.80000	842.82600	780.54800	1067.60001	.05528	1907.78999	1204.98000	.00000	.00000	.00000
1.149	12.084	1914.89999	843.73900	779.18100	1064.98000	.04742	1908.13000	1207.53999	.00000	.00000	.00000
1.151	14.054	1913.10001	840.86300	779.15500	1065.84000	.05874	1905.89999	1204.92999	.00000	.00000	.00000
1.150	16.024	1918.20000	843.91100	780.95900	1067.96001	.03071	1904.28999	1205.94000	.00000	.00000	.00000
1.151	18.060	1914.89999	841.64600	779.89100	1066.85001	.05331	1887.16000	1201.12000	.00000	.00000	.00000
	GRADIENT	-.07121	-.19715	.02724	.10825	.00116	21.75923	9.18425	.00000	.00000	.00000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.200	-4.090	1921.10001	791.81100	798.66900	1115.38000	.04524	1685.17999	1060.70000	.00000	.00000	.00000
1.197	-1.857	1919.00000	794.11400	796.90500	1111.55000	.05683	1739.30000	1068.92999	.00000	.00000	.00000
1.201	.004	1921.20000	790.91500	798.97200	1116.20000	.04500	1785.03999	1065.36000	.00000	.00000	.00000
1.198	2.104	1920.00000	794.20600	797.41100	1112.39000	.05922	1824.64000	1099.75000	.00000	.00000	.00000
1.203	4.006	1920.70000	788.63200	799.34000	1117.62000	.04687	1854.24001	1139.42000	.00000	.00000	.00000
1.202	6.042	1921.60001	790.81300	799.21300	1116.66000	.04720	1880.44000	1157.49001	.00000	.00000	.00000
1.201	8.046	1922.50000	791.90000	799.38700	1116.59000	.04632	1896.05000	1168.46001	.00000	.00000	.00000
1.199	10.042	1922.00000	793.99200	798.53500	1114.41000	.06992	1304.63000	1174.22000	.00000	.00000	.00000
1.203	12.036	1922.50000	789.31500	800.10400	1118.71001	.06196	1906.86000	1175.08000	.00000	.00000	.00000
1.201	14.011	1921.30000	790.81500	799.05300	1116.38000	.05374	1905.66000	1176.06000	.00000	.00000	.00000
1.200	16.020	1919.89999	791.52100	798.11300	1114.50999	.04726	1900.22000	1177.13000	.00000	.00000	.00000
1.200	18.002	1920.70000	792.01300	798.40000	1114.84000	.04626	1889.99001	1176.83000	.00000	.00000	.00000
	GRADIENT	.00247	-.29519	.08333	.24418	.00033	21.04006	9.29766	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.299	-1.931	1749.89999	632.33900	747.01900	1081.74001	.01934	1578.57001	807.31500	.00000	.00000	.00000
1.299	-.060	1750.70000	633.12600	747.28200	1081.91000	.01592	1615.39000	847.47000	.00000	.00000	.00000
1.299	1.936	1745.89999	630.57800	745.36000	1079.47000	.01753	1640.42000	881.91900	.00000	.00000	.00000
1.300	4.028	1748.39999	630.66400	746.55400	1081.55000	.01133	1669.64999	937.88100	.00000	.00000	.00000
1.299	5.939	1752.89999	633.21400	748.33200	1083.73000	.01910	1694.61000	940.84200	.00000	.00000	.00000
1.300	7.974	1749.39999	631.25200	746.94600	1082.00999	.01730	1703.94000	927.45300	.00000	.00000	.00000
1.299	9.940	1749.30000	631.84700	746.80500	1081.55000	.01724	1711.62000	957.46200	.00000	.00000	.00000
1.300	12.007	1753.30000	633.21200	748.52500	1084.07001	.01774	1720.23000	1040.38000	.00000	.00000	.00000
1.300	13.936	1752.60001	632.52300	748.29400	1083.92000	.01556	1717.66000	1030.75000	.00000	.00000	.00000
1.299	15.981	1751.30000	632.53000	747.66500	1082.81000	.00760	1711.13001	998.38200	.00000	.00000	.00000
1.301	17.985	1750.10001	630.65500	747.37600	1083.00000	.00472	1701.17999	1001.53000	.00000	.00000	.00000
	GRADIENT	-.46378	-.38320	-.16455	-.14656	-.00113	14.97683	21.47225	.00000	.00000	.00000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.400	-3.954	1747.20000	549.22900	753.28100	1125.03000	-.11036	1513.84000	657.11700	.00000	.00000	.00000
1.400	-1.985	1753.60001	550.97900	756.04600	1129.27000	-.10562	1559.50000	660.57500	.00000	.00000	.00000
1.399	-.031	1747.70000	549.91800	753.48600	1125.12000	-.08954	1589.19000	682.75700	.00000	.00000	.00000
1.400	1.958	1751.60001	550.39500	755.18300	1127.96001	-.08402	1624.07001	711.87300	.00000	.00000	.00000
1.399	3.976	1751.10001	550.89100	754.95400	1127.35001	-.07027	1646.49001	741.92500	.00000	.00000	.00000
1.400	5.945	1750.89999	550.10200	754.88200	1127.53999	-.05978	1666.89000	750.78400	.00000	.00000	.00000
1.401	8.006	1750.39999	548.91900	754.68600	1127.66000	-.04759	1683.39999	756.57600	.00000	.00000	.00000
1.399	9.955	1749.60001	550.60100	754.30300	1126.31000	-.02642	1685.12000	765.12300	.00000	.00000	.00000
1.401	11.966	1748.39999	548.63200	753.81800	1126.23000	-.01489	1686.28999	767.30400	.00000	.00000	.00000
1.401	14.006	1748.39999	549.02600	753.81000	1126.06000	-.00833	1686.08000	770.80400	.00000	.00000	.00000
1.400	15.969	1750.20000	550.00600	754.57800	1127.03000	.00264	1684.28000	769.92900	.00000	.00000	.00000
1.399	18.004	1752.60001	551.67500	755.59400	1128.17999	.01303	1679.83000	769.32300	.00000	.00000	.00000
	GRADIENT	.29362	.13859	.12570	.16863	.00514	16.64946	11.16841	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.548	-3.916	1601.10001	406.65000	682.17700	1056.53000	-.13817	1329.14000	510.39500	.00000	.00000	.00000
1.549	-1.929	1600.80000	405.95700	681.92600	1056.37000	-.13804	1366.67999	528.41700	.00000	.00000	.00000
1.550	.009	1600.89999	405.36200	681.84400	1056.48000	-.13527	1397.13000	538.13000	.00000	.00000	.00000
1.551	2.017	1601.00000	404.76700	681.76100	1056.59000	-.13365	1422.10001	547.84200	.00000	.00000	.00000
1.552	4.012	1602.10001	404.46500	682.11100	1057.35001	-.13305	1443.60001	571.96900	.00000	.00000	.00000
1.551	6.030	1601.80000	405.06100	682.12100	1057.11000	-.13215	1461.46001	598.53300	.00000	.00000	.00000
1.550	8.072	1601.30000	405.26100	681.97400	1056.75999	-.12939	1475.09000	609.92300	.00000	.00000	.00000
1.549	10.056	1600.70000	405.95800	681.88900	1056.30000	-.12289	1479.25000	619.25300	.00000	.00000	.00000
1.548	12.088	1599.70000	406.55700	681.63200	1055.58000	-.12164	1483.64999	629.65300	.00000	.00000	.00000
1.547	14.077	1599.00000	406.56000	681.37000	1055.11000	-.12430	1488.07001	634.91900	.00000	.00000	.00000
1.548	16.089	1600.50000	406.55300	681.93200	1056.13000	-.12482	1485.82001	638.35600	.00000	.00000	.00000
	GRADIENT	.11148	-.28065	-.01483	.09418	.00074	14.35287	7.20303	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (CVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.899	-3.948	1042.00000	616.75500	348.93000	425.24400	.09855	910.31000	661.81900	.00000	.00000	.00000
.901	-2.075	1043.50000	616.53200	350.09400	426.96700	.06819	941.43500	666.95800	.00000	.00000	.00000
.902	-.043	1044.60001	616.41500	350.91800	428.18100	.06692	971.65500	676.80400	.00000	.00000	.00000
.899	1.912	1042.30000	616.65000	349.19900	425.64700	.09827	993.64600	687.53600	.00000	.00000	.00000
.901	4.013	1042.60001	615.93800	349.82800	426.65800	.07074	1013.62000	702.41400	.00000	.00000	.00000
.901	5.955	1042.30000	615.64000	349.80000	426.65700	.07160	1026.95000	708.98900	.00000	.00000	.00000
.900	7.975	1041.89999	615.74600	349.46200	426.15100	.07211	1036.21001	712.52600	.00000	.00000	.00000
.899	9.994	1041.50000	616.25700	348.88300	425.24100	.10249	1040.49001	717.63400	.00000	.00000	.00000
.898	12.001	1041.20000	617.27200	348.07200	423.92600	.10169	1041.42000	720.53500	.00000	.00000	.00000
.896	13.988	1040.89999	617.98300	347.44000	422.91400	.10029	1040.53999	719.91900	.00000	.00000	.00000
.896	16.034	1042.80000	618.96600	348.16100	423.83200	.10189	1038.11000	716.75000	.00000	.00000	.00000
	GRADIENT	-.00257	-.07678	.04396	.07380	-.00127	12.97874	5.12546	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (CVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.198	-3.971	983.00000	406.31100	408.34400	569.77600	.04792	863.34700	544.44800	.00000	.00000	.00000
1.201	-1.989	977.90000	402.76100	406.63000	568.00500	.04010	885.85400	540.99400	.00000	.00000	.00000
1.199	.078	980.00000	404.53900	407.24800	568.47500	.04963	912.10100	540.74600	.00000	.00000	.00000
1.202	2.000	981.50000	403.83400	408.24100	570.43200	.04339	932.41300	543.48400	.00000	.00000	.00000
1.199	4.043	979.30000	404.24500	406.95800	568.07100	.05307	946.43100	566.84900	.00000	.00000	.00000
1.201	6.037	979.60000	403.64600	407.28500	568.84000	.04176	959.27300	580.58300	.00000	.00000	.00000
1.201	7.984	979.00000	402.95400	407.16000	568.85600	.04268	966.09800	584.05200	.00000	.00000	.00000
1.199	10.068	981.60000	405.22500	407.90500	569.38200	.05987	973.31100	595.12800	.00000	.00000	.00000
1.203	12.004	980.70000	403.04300	408.03600	570.34400	.04966	973.05900	604.04500	.00000	.00000	.00000
1.203	13.983	980.80000	403.04200	408.08900	570.43700	.04857	973.23100	599.36500	.00000	.00000	.00000
1.195	16.063	981.70000	407.31300	407.36700	567.74800	.05945	972.18500	596.71700	.00000	.00000	.00000
	GRADIENT	-.19020	-.15142	-.05858	-.05059	.00069	10.62869	2.36462	.00000	.00000	.00000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.548	-3.832	1031.39999	262.14800	439.48400	680.57900	-.13333	862.22800	332.25500	.00000	.00000	.00000
1.551	-1.943	1031.70000	260.94900	439.35700	680.86900	-.13471	883.35900	338.14900	.00000	.00000	.00000
1.549	.059	1030.00000	261.25900	438.78100	679.69600	-.13346	902.63500	348.10300	.00000	.00000	.00000
1.550	2.067	1028.50000	260.56900	438.08100	678.72700	-.13393	918.00100	358.08100	.00000	.00000	.00000
1.550	4.112	1030.70000	260.95500	438.98300	680.18700	-.13446	932.31100	370.54900	.00000	.00000	.00000
1.550	6.042	1031.39999	261.25000	439.30500	680.64300	-.13399	944.61500	380.72200	.00000	.00000	.00000
1.549	8.081	1029.60001	260.96200	438.57200	679.44500	-.13283	951.75300	390.80800	.00000	.00000	.00000
1.547	10.091	1028.20000	261.36900	438.12700	678.46800	-.12934	954.31800	399.32600	.00000	.00000	.00000
1.548	12.081	1029.70000	261.46000	438.70900	679.47900	-.12857	957.40400	406.59300	.00000	.00000	.00000
1.545	14.063	1030.80000	262.94900	439.41500	680.11300	-.12931	962.32400	410.94500	.00000	.00000	.00000
1.552	16.095	1032.70000	260.94400	439.73000	681.54300	-.12875	960.76400	410.77400	.00000	.00000	.00000
	GRADIENT	-.22985	-.13743	-.11367	-.14627	-.00007	8.77362	4.85802	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.201	-1.814	3678.29999	3575.92001	101.34900	102.38000	1.95195	3637.95001	3578.47000	.00000	.00000	.00000
.203	.154	3682.50000	3577.88000	103.54100	104.60200	2.06877	3653.25000	3584.73999	.00000	.00000	.00000
.203	2.179	3679.70001	3575.03000	103.59500	104.66600	2.05506	3660.45999	3590.10999	.00000	.00000	.00000
.202	4.153	3681.70001	3577.95999	102.67900	103.72800	2.01703	3669.73999	3595.78000	.00000	.00000	.00000
.203	6.085	3679.79999	3575.39999	103.32400	104.38300	1.98186	3673.67999	3593.59000	.00000	.00000	.00000
.201	7.845	3681.50000	3579.67999	100.80600	101.81400	1.77524	3678.69000	3599.53000	.00000	.00000	.00000
.201	9.843	3683.50000	3580.98001	101.49200	102.52400	1.70506	3683.14001	3599.37000	.00000	.00000	.00000
.201	11.747	3677.79999	3575.57999	101.19300	102.20900	1.82228	.00000	3595.35001	.00000	.00000	.00000
.202	13.750	3681.70001	3578.31000	102.33600	103.38700	1.81071	3681.26999	3596.41000	.00000	.00000	.00000
.201	15.741	3681.10001	3579.07999	100.99400	102.00600	1.83597	3678.35999	3594.72000	.00000	.00000	.00000
.200	17.724	3681.00000	3579.76001	100.23400	101.23300	1.86563	3674.59000	3593.85999	.00000	.00000	.00000
	GRADIENT	.36803	.16132	.20242	.20563	.00907	5.14454	2.87509	.00000	.00000	.00000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.250	-1.985	2401.10001	2298.70001	100.81500	102.40300	2.03946	2358.57001	2302.53000	.00000	.00000	.00000
.250	.185	2401.50000	2299.60999	100.31900	101.88800	2.06044	2372.51999	2307.63000	.00000	.00000	.00000
.250	2.161	2401.60001	2299.78000	100.24800	101.81500	2.05204	2382.42999	2313.73999	.00000	.00000	.00000
.250	4.125	2401.79999	2299.88000	100.34900	101.91500	2.04723	2389.69000	2317.76001	.00000	.00000	.00000
.250	6.096	2402.79999	2300.64999	100.57300	102.14700	1.95942	2396.17001	2319.35999	.00000	.00000	.00000
.251	7.930	2402.79999	2300.14001	101.06900	102.66400	1.99093	2399.70001	2319.85999	.00000	.00000	.00000
.253	10.021	2403.50000	2299.17001	102.67800	104.32300	2.07510	2402.78000	2320.82999	.00000	.00000	.00000
.250	11.940	2402.70001	2300.34000	100.77500	102.35500	1.89671	2402.56000	2320.62000	.00000	.00000	.00000
.251	13.902	2403.29999	2300.48001	101.22100	102.82200	1.92066	2402.51001	2319.39001	.00000	.00000	.00000
.250	15.709	2402.89999	2300.92001	100.40100	101.96800	1.82131	2400.23001	2318.64001	.00000	.00000	.00000
	GRADIENT	.10896	.18491	-.07390	-.07685	.00081	5.09983	2.55069	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.401	-1.955	1851.10001	1657.10001	186.39600	194.00300	2.15572	1776.53000	1665.00000	.00000	.00000	.00000
.401	.036	1849.30000	1655.50999	186.18700	193.78100	2.07651	1797.57001	1673.12000	.00000	.00000	.00000
.401	2.050	1848.10001	1653.94000	186.52800	194.15800	2.08129	1813.73000	1679.33000	.00000	.00000	.00000
.401	4.012	1851.50000	1657.05000	186.80300	194.44000	2.07505	1830.25000	1691.14000	.00000	.00000	.00000
.402	6.031	1845.20000	1650.84000	186.69900	194.35700	2.08018	1833.96001	1688.94000	.00000	.00000	.00000
.402	7.898	1848.00000	1652.92999	187.36600	195.07400	1.95829	1843.03000	1691.84000	.00000	.00000	.00000
.403	9.941	1851.30000	1655.34000	188.19600	195.95700	2.01127	1850.36000	1694.83000	.00000	.00000	.00000
.403	11.847	1849.30000	1653.60001	187.94800	195.69700	1.83347	1849.37000	1692.67000	.00000	.00000	.00000
.402	13.841	1852.50000	1657.00999	187.77000	195.48900	1.88477	1851.64000	1693.56000	.00000	.00000	.00000
.402	15.870	1848.50000	1653.78000	187.03900	194.71400	1.88985	1844.32001	1688.28000	.00000	.00000	.00000
	GRADIENT	-.00264	-.08894	.07837	.08470	-.01192	8.90377	4.24647	.00000	.00000	.00000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.700	-1.942	2116.29999	1526.33000	522.83800	589.96700	1.99182	1928.75000	1573.97000	.00000	.00000	.00000
.700	.041	2115.10001	1524.33000	523.40200	590.77300	1.99897	1980.60001	1594.20000	.00000	.00000	.00000
.700	2.017	2114.20001	1523.73000	523.13600	590.46000	1.97667	2023.67000	1614.23000	.00000	.00000	.00000
.701	3.980	2113.10001	1522.13000	523.47400	590.96300	1.98801	2056.16000	1637.92999	.00000	.00000	.00000
.701	6.002	2114.10001	1522.52000	523.97300	591.57600	2.03808	2081.95001	1650.77000	.00000	.00000	.00000
.701	7.987	2116.89999	1524.19000	524.92800	592.70600	2.00879	2102.48001	1658.61000	.00000	.00000	.00000
.701	9.983	2115.79999	1523.60001	524.50100	592.19600	2.09878	2112.20001	1665.39999	.00000	.00000	.00000
.701	11.940	2117.50000	1525.80000	524.18800	591.69100	1.94343	2116.85001	1665.39999	.00000	.00000	.00000
.700	13.869	2117.29999	1526.72000	523.33800	590.57900	1.94561	2115.28000	1662.21001	.00000	.00000	.00000
.698	15.856	2117.29999	1528.64000	521.88200	588.65100	1.97539	2107.70999	1658.62000	.00000	.00000	.00000
.697	17.909	2118.10001	1531.16000	520.61000	586.93300	1.98493	2092.94000	1649.35001	.00000	.00000	.00000
	GRADIENT	-.53189	-.66872	.08322	.13555	-.00171	21.54879	10.73357	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.800	-3.993	2113.60001	1386.64000	621.13500	726.95900	2.19080	1840.89999	1449.17999	.00000	.00000	.00000
.800	-1.945	2114.10001	1387.13000	621.16700	726.96300	2.05774	1908.69000	1462.58000	.00000	.00000	.00000
.800	-.103	2113.20001	1386.34000	621.04100	726.85900	2.07723	1960.46001	1483.77000	.00000	.00000	.00000
.800	2.034	2115.79999	1388.22000	621.68800	727.58000	2.05185	2016.59000	1513.34000	.00000	.00000	.00000
.800	3.997	2118.00000	1389.39000	622.51600	728.60400	2.07416	2054.81000	1546.12000	.00000	.00000	.00000
.799	5.983	2118.20001	1390.39999	621.97800	727.79800	2.14500	2083.04001	1564.20000	.00000	.00000	.00000
.800	7.938	2118.20001	1389.28999	622.73500	728.90600	2.04475	2102.28000	1568.28999	.00000	.00000	.00000
.800	10.015	2117.60001	1389.30000	622.28400	728.29800	2.10130	2114.29001	1574.63000	.00000	.00000	.00000
.800	11.935	2117.00000	1388.91000	622.10800	728.09100	1.89652	2116.92999	1570.84000	.00000	.00000	.00000
.800	13.922	2117.50000	1389.00000	622.41500	728.49600	1.91091	2116.28000	1567.34000	.00000	.00000	.00000
.800	15.918	2116.00000	1388.62000	621.56300	727.37700	1.91535	2107.35001	1563.25999	.00000	.00000	.00000
.800	17.964	2115.70001	1387.71001	621.95700	727.98500	1.95964	2090.19000	1556.74001	.00000	.00000	.00000
	GRADIENT	.53057	.33356	.16551	.19686	-.01203	26.83267	12.26468	.00000	.00000	.00000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.850	-1.921	2113.00000	1317.52000	666.29100	795.48000	2.02585	1902.25999	1417.97000	.00000	.00000	.00000
.850	.083	2119.89999	1321.85001	668.44700	798.04600	2.04031	1966.64999	1446.52000	.00000	.00000	.00000
.849	1.911	2116.00000	1320.39999	666.59100	795.59500	2.02590	2010.38000	1468.81000	.00000	.00000	.00000
.850	3.916	2119.89999	1321.64999	668.57600	798.24500	2.09145	2054.04999	1505.42999	.00000	.00000	.00000
.850	6.055	2113.79999	1318.31000	666.35400	795.48500	2.08356	2078.78000	1518.03000	.00000	.00000	.00000
.850	7.947	2117.79999	1320.98000	667.50700	796.82000	2.05999	2101.16000	1527.50000	.00000	.00000	.00000
.850	10.052	2114.50000	1319.00999	666.40900	795.48600	2.07240	2111.10999	1531.77000	.00000	.00000	.00000
.850	11.914	2118.10001	1320.57001	667.98300	797.53000	1.82452	2118.17001	1531.21001	.00000	.00000	.00000
.850	13.904	2112.00000	1317.23000	665.76100	794.76400	1.94492	2111.06000	1523.85001	.00000	.00000	.00000
.850	15.960	2114.89999	1318.80000	666.82800	796.09300	1.96682	2105.89001	1522.64000	.00000	.00000	.00000
.850	17.893	2119.39999	1321.14999	668.53600	798.24300	1.89778	2093.97000	1520.78000	.00000	.00000	.00000
.850	18.929	2116.39999	1319.33000	667.52600	797.01200	1.89398	2079.22000	1513.07001	.00000	.00000	.00000
	GRADIENT	.88597	.57349	.26582	.31164	.00953	25.81702	14.73355	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.901	-3.993	2138.50000	1262.94000	717.79300	875.55300	2.11363	1846.72000	1383.13000	.00000	.00000	.00000
.901	-1.992	2136.89999	1262.56000	716.92000	874.33300	2.05915	1913.74001	1395.16000	.00000	.00000	.00000
.902	-.031	2135.60001	1260.25999	717.39300	875.33300	2.09186	1971.11000	1416.49001	.00000	.00000	.00000
.901	1.956	2139.60001	1263.33000	718.31800	876.27000	2.05706	2027.37000	1446.72000	.00000	.00000	.00000
.899	3.998	2135.20001	1264.00000	714.89600	871.19500	2.12144	2066.35999	1486.08000	.00000	.00000	.00000
.900	5.974	2133.00000	1260.60001	715.40600	872.39400	2.14127	2093.72000	1498.25999	.00000	.00000	.00000
.900	7.870	2136.39999	1263.67999	715.91200	872.71700	1.98775	2117.14999	1506.92000	.00000	.00000	.00000
.899	9.976	2135.79999	1263.69000	715.49400	872.11000	2.05688	2130.82999	1517.00999	.00000	.00000	.00000
.900	11.929	2136.89999	1262.97000	716.68000	873.93000	1.85725	2136.54001	1512.36000	.00000	.00000	.00000
.899	13.877	2136.20001	1265.09000	714.93200	871.10300	1.85070	2135.32999	1510.44000	.00000	.00000	.00000
.900	15.937	2136.70001	1263.37000	716.30100	873.32800	1.86382	2128.70001	1507.06000	.00000	.00000	.00000
.900	17.933	2135.79999	1263.49001	715.61500	872.30800	1.89382	2111.87000	1505.62000	.00000	.00000	.00000
	GRADIENT	-.19755	.14656	-.22278	-.34356	.00071	27.73040	12.93068	.00000	.00000	.00000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.949	-4.034	2116.00000	1184.49001	747.50900	931.51300	1.98262	1833.21001	1334.22000	.00000	.00000	.00000
.950	-1.959	2115.29999	1183.28999	747.70400	932.00600	2.04477	1897.72000	1354.07001	.00000	.00000	.00000
.949	-.034	2115.29999	1184.60001	746.98600	930.70100	2.08820	1954.13000	1375.05000	.00000	.00000	.00000
.949	1.998	2115.79999	1184.59000	747.32000	931.20500	2.08670	2007.14999	1399.99001	.00000	.00000	.00000
.950	3.973	2116.10001	1183.58000	748.07300	932.51600	2.06688	2047.08000	1437.19000	.00000	.00000	.00000
.951	6.040	2116.20001	1182.97000	748.47100	933.22400	2.07599	2078.29999	1453.96001	.00000	.00000	.00000
.950	7.898	2115.10001	1183.69000	747.35000	931.40400	2.00234	2097.09000	1461.50999	.00000	.00000	.00000
.950	9.938	2119.10001	1185.75000	748.86200	933.34100	2.09564	2114.70001	1469.59000	.00000	.00000	.00000
.951	11.944	2114.60001	1182.09000	747.89900	932.50700	1.88598	2114.45999	1464.88000	.00000	.00000	.00000
.950	13.959	2112.89999	1182.72000	746.43300	930.18100	1.92110	2111.95999	1462.53000	.00000	.00000	.00000
.950	15.980	2113.39999	1181.91000	747.20800	931.49000	1.94944	2104.97000	1457.83000	.00000	.00000	.00000
.949	17.944	2113.50000	1183.41000	746.44700	930.08300	1.91873	2089.22000	1457.03000	.00000	.00000	.00000
	GRADIENT	.03450	-.02734	.03760	.06108	.01056	26.90494	12.60565	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.981	-4.081	2120.00000	1145.50999	770.94700	974.49000	1.97967	1833.61000	1326.08000	.00000	.00000	.00000
.980	-1.928	2116.39999	1143.75000	769.54300	972.65100	2.05338	1898.96001	1340.42999	.00000	.00000	.00000
.978	-.014	2114.39999	1145.17999	767.50800	969.21700	2.04817	1953.00999	1359.85001	.00000	.00000	.00000
.979	2.026	2118.00000	1146.24001	769.27800	971.75600	2.03891	2008.78000	1386.75000	.00000	.00000	.00000
.979	3.994	2119.00000	1146.53000	769.77300	972.47000	2.05837	2049.54999	1425.83000	.00000	.00000	.00000
.979	5.991	2118.50000	1147.03999	769.18500	971.45900	2.12303	2079.23001	1440.24001	.00000	.00000	.00000
.979	7.940	2116.89999	1146.25000	768.56100	970.64100	2.00059	2098.45999	1448.53000	.00000	.00000	.00000
.980	9.961	2118.79999	1146.13000	769.85200	972.67100	1.99623	2114.39999	1455.64000	.00000	.00000	.00000
.980	11.932	2117.20001	1144.44000	769.69800	972.75500	1.91032	.00000	1451.84000	.00000	.00000	.00000
.979	13.945	2115.79999	1145.75999	768.10600	970.03200	1.92452	2115.01001	1448.82001	.00000	.00000	.00000
.981	15.898	2114.89999	1142.06000	769.45400	972.84300	1.94593	2107.04999	1442.60001	.00000	.00000	.00000
.979	17.969	2113.60001	1144.59000	767.30100	969.01100	1.95422	2089.03000	1442.92999	.00000	.00000	.00000
	GRADIENT	-.02558	.2214.	-.13158	-.24724	.00721	26.96391	12.20285	.00000	.00000	.00000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.051	-4.011	1900.20000	944.74700	730.70600	955.15100	1.97852	1646.45000	1167.96001	.00000	.00000	.00000
1.050	-1.942	1901.20000	946.54000	730.51000	954.37700	1.96724	1707.03000	1181.94000	.00000	.00000	.00000
1.049	-.019	1902.50000	947.92900	730.67600	954.29400	1.98685	1757.97000	1199.85001	.00000	.00000	.00000
1.050	2.009	1901.89999	946.53300	730.93800	955.07700	2.02050	1803.77000	1220.42999	.00000	.00000	.00000
1.048	4.018	1901.39999	948.54200	729.73100	952.60000	2.01674	1839.50999	1254.50999	.00000	.00000	.00000
1.048	6.058	1900.70000	948.45000	729.34700	951.99600	2.06260	1865.83000	1269.61000	.00000	.00000	.00000
1.049	7.995	1900.00000	947.45500	729.36900	952.28300	1.99003	1883.14000	1275.03000	.00000	.00000	.00000
1.050	10.014	1900.50000	945.74600	730.44000	954.46300	2.15290	1896.25000	1285.28999	.00000	.00000	.00000
1.049	11.998	1899.39999	947.26100	729.09100	951.87700	1.95422	1898.97000	1279.14999	.00000	.00000	.00000
1.049	13.933	1899.60001	946.95800	729.34900	952.37200	1.98267	1898 52000	1276.48000	.00000	.00000	.00000
1.051	15.966	1900.30000	945.04700	730.63200	954.95400	2.00396	1893.17000	1271.48000	.00000	.00000	.00000
1.050	17.958	1898.89999	945.96400	729.37000	952.66100	2.01044	1878.08000	1269.28000	.00000	.00000	.00000
	GRADIENT	.15443	.37907	-.07641	-.22059	.00646	24.13287	10.57412	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.101	-3.861	1930.60001	902.90200	766.37500	1025.55000	1.88250	1679.22000	1178.86000	.00000	.00000	.00000
1.101	-1.934	1933.10001	903.87700	767.44400	1027.07001	2.03492	1734.82001	1192.62000	.00000	.00000	.00000
1.098	.011	1931.39999	907.19300	765.14300	1022.27000	1.99787	1783.77000	1208.82001	.00000	.00000	.00000
1.097	1.967	1929.00000	906.31600	764.09300	1020.76000	2.02256	1826.03999	1227.38000	.00000	.00000	.00000
1.098	4.069	1931.30000	906.99400	765.16400	1022.36000	1.99743	1867.10001	1263.17999	.00000	.00000	.00000
1.102	6.028	1930.10001	902.10700	766.39700	1025.82001	2.08426	1892.92000	1274.00000	.00000	.00000	.00000
1.101	7.940	1932.10001	903.28700	767.09500	1026.64999	1.91656	1913.37000	1279.59000	.00000	.00000	.00000
1.099	10.041	1928.70000	904.11900	764.78900	1022.55000	2.06116	1922.42999	1286.81000	.00000	.00000	.00000
1.101	11.953	1929.39999	902.41300	765.87000	1024.85001	1.94800	1926.95000	1283.74001	.00000	.00000	.00000
1.100	13.871	1932.60001	904.78200	766.79600	1025.72000	1.91693	1929.42999	1281.46001	.00000	.00000	.00000
1.101	15.911	1929.89999	902.70800	766.04400	1025.06000	1.91806	1920.82001	1274.96001	.00000	.00000	.00000
1.101	17.912	1931.89999	903.38900	766.93800	1026.36000	1.94513	1909.13000	1273.14000	.00000	.00000	.00000
	GRADIENT	-.13430	.53465	-.28963	-.63714	.01084	23.60455	10.32715	.00000	.00000	.00000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-3.928	1917.00000	844.02100	780.25400	1066.72000	2.01002	1669.37000	1137.56000	.00000	.00000	.00000
1.151	-1.962	1917.30000	842.62300	780.89500	1068.25000	2.04859	1723.71001	1150.50999	.00000	.00000	.00000
1.151	.008	1915.60001	841.44000	780.34900	1067.69000	2.05114	1770.50000	1160.77000	.00000	.00000	.00000
1.148	2.044	1916.39999	844.52400	779.74900	1065.71001	2.04377	1814.96001	1177.64000	.00000	.00000	.00000
1.149	4.047	1917.89999	844.91100	780.45200	1066.78000	2.03303	1851.75999	1215.30000	.00000	.00000	.00000
1.150	6.039	1915.60001	842.93600	779.84300	1066.36000	2.08258	1876.69000	1227.42999	.00000	.00000	.00000
1.149	7.933	1914.60001	843.34300	779.14800	1065.05000	1.93581	1892.84000	1231.14000	.00000	.00000	.00000
1.149	9.940	1915.39999	844.03400	779.35900	1065.19000	2.07975	1905.39000	1241.36000	.00000	.00000	.00000
1.149	11.887	1914.20000	843.04700	779.02600	1064.92999	1.86793	1907.42999	1237.03999	.00000	.00000	.00000
1.148	13.900	1916.70000	845.41900	779.61100	1065.19000	1.90021	1910.28999	1237.28000	.00000	.00000	.00000
1.150	15.857	1915.30000	841.94100	780.01300	1066.96001	1.87983	1902.75999	1231.62000	.00000	.00000	.00000
1.150	17.910	1914.00000	841.75300	779.35400	1065.89999	1.92817	1889.36000	1230.63000	.00000	.00000	.00000
1.148	18.951	1916.89999	845.61700	779.65500	1065.20000	1.95715	1883.39999	1233.88000	.00000	.00000	.00000
	GRADIENT	.04644	.18731	-.03780	-.12254	.00204	22.84031	9.16113	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.200	-4.012	1920.60001	791.61500	798.45800	1115.08000	2.07164	1668.17999	1097.95000	.00000	.00000	.00000
1.202	-1.980	1919.80000	790.03000	798.47600	1115.64000	2.04860	1721.58000	1109.66000	.00000	.00000	.00000
1.201	-.016	1919.70000	790.82700	798.20100	1114.89999	2.05734	1768.69000	1113.97000	.00000	.00000	.00000
1.201	2.000	1919.70000	790.82700	798.20100	1114.89999	2.05280	1810.28000	1126.25999	.00000	.00000	.00000
1.200	3.978	1919.20000	791.22800	797.82300	1114.11000	2.08634	1842.36000	1174.92999	.00000	.00000	.00000
1.201	6.018	1918.50000	790.43800	797.67200	1114.12000	2.09593	1868.98000	1186.56000	.00000	.00000	.00000
1.200	7.937	1920.70000	791.71400	798.48400	1115.09000	2.07834	1888.91000	1200.59000	.00000	.00000	.00000
1.202	9.993	1918.20000	789.24600	797.84500	1114.81000	2.11113	1899.10001	1208.84000	.00000	.00000	.00000
1.198	11.886	1919.60001	793.21400	797.47800	1112.84000	1.84725	1904.10001	1205.60001	.00000	.00000	.00000
1.196	13.858	1917.60001	794.62100	796.01500	1109.84000	1.87298	1901.67000	1206.34000	.00000	.00000	.00000
1.204	15.934	1922.60001	789.01600	800.24000	1119.03999	1.90877	1904.14999	1206.14999	.00000	.00000	.00000
1.202	17.947	1922.50000	790.60700	799.74700	1117.64999	1.93565	1895.25000	1208.70000	.00000	.00000	.00000
	GRADIENT	-.14545	.00035	-.07726	-.13376	.00167	21.90107	8.53858	.00000	.00000	.00000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	-4.010	1748.70000	631.55300	746.56100	1081.23000	1.88875	1519.08000	905.76900	.00000	.00000	.00000
1.301	-1.957	1748.60001	630.66300	746.65100	1081.71001	2.02013	1564.23000	929.15900	.00000	.00000	.00000
1.300	-.020	1748.20000	630.56600	746.47300	1081.44000	2.02373	1602.45000	934.39400	.00000	.00000	.00000
1.299	1.989	1748.30000	631.85200	746.32100	1080.69000	2.04828	1633.89000	950.54200	.00000	.00000	.00000
1.300	4.021	1748.20000	631.06100	746.39600	1081.11000	2.04597	1661.38000	991.98100	.00000	.00000	.00000
1.299	6.015	1748.60001	632.24700	746.40500	1080.69000	2.11577	1684.62000	1013.51000	.00000	.00000	.00000
1.300	7.960	1752.89999	632.32300	748.47000	1084.31000	2.02609	1707.14999	1026.26999	.00000	.00000	.00000
1.300	9.999	1748.89999	630.95800	746.75000	1081.78000	2.13198	1712.95000	1038.88000	.00000	.00000	.00000
1.301	11.906	1747.30000	629.97700	746.12900	1081.05000	1.89701	1712.86000	1037.00999	.00000	.00000	.00000
1.300	13.940	1750.60001	632.03800	747.40400	1082.53000	1.94493	1718.39000	1037.09000	.00000	.00000	.00000
1.299	15.926	1752.20000	633.51500	747.94700	1082.94000	1.95538	1712.36000	1035.28000	.00000	.00000	.00000
1.299	17.954	1753.10001	633.90600	748.32000	1083.45000	1.94618	1704.67999	1033.08000	.00000	.00000	.00000
	GRADIENT	-.06478	.00968	-.03281	-.06246	.01716	17.70434	9.70533	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.401	-4.020	1750.30000	549.61100	754.63000	1127.28999	1.91267	1501.00999	707.32400	.00000	.00000	.00000
1.401	-1.993	1748.89999	548.82700	754.03200	1126.53000	1.98557	1542.63000	717.55300	.00000	.00000	.00000
1.401	-.015	1751.89999	550.09800	755.32000	1128.32001	1.97644	1582.00999	740.26000	.00000	.00000	.00000
1.402	1.977	1753.10001	549.59900	755.85300	1129.48000	1.98307	1615.34000	763.76300	.00000	.00000	.00000
1.399	4.008	1749.50000	550.60200	754.25900	1126.23000	2.02120	1644.53000	782.56700	.00000	.00000	.00000
1.400	6.072	1748.89999	549.81400	754.01300	1126.10001	2.05652	1662.30000	792.07400	.00000	.00000	.00000
1.401	8.039	1751.10001	549.80500	754.97600	1127.82001	2.11415	1675.45000	786.74000	.00000	.00000	.00000
1.400	10.071	1749.70000	549.91000	754.36100	1126.67999	2.19329	1683.70000	826.70000	.00000	.00000	.00000
1.402	11.999	1752.39999	549.40500	755.55100	1129.00999	1.98182	1690.14999	815.96500	.00000	.00000	.00000
1.401	14.063	1751.70000	549.50600	755.24300	1128.42000	2.03380	1689.23000	827.88600	.00000	.00000	.00000
1.401	15.966	1753.20000	550.48700	755.88100	1129.17000	2.01402	1687.42000	826.50800	.00000	.00000	.00000
1.399	18.004	1752.00000	551.57800	755.33300	1127.75000	2.01274	1680.53000	847.21300	.00000	.00000	.00000
	GRADIENT	.12750	.13736	.05286	.03969	.01074	17.96196	9.81850	.00000	.00000	.00000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.548	-3.908	1598.10001	405.87000	680.89500	1054.55000	1.84243	1320.52000	535.19300	.00000	.00000	.00000
1.548	-1.851	1603.10001	407.03700	683.00500	1057.86000	1.85650	1363.14999	550.36200	.00000	.00000	.00000
1.549	.114	1601.50000	406.35100	682.26700	1056.81000	1.84742	1395.35001	553.90400	.00000	.00000	.00000
1.549	2.104	1599.10001	405.37000	681.17100	1055.25999	1.87373	1417.75000	565.33700	.00000	.00000	.00000
1.550	4.150	1600.30000	405.26600	681.60000	1056.08000	1.88358	1439.56000	601.51200	.00000	.00000	.00000
1.551	6.220	1602.89999	405.25400	682.57200	1057.84000	1.91501	1459.10001	626.89000	.00000	.00000	.00000
1.552	8.091	1603.20000	405.05400	682.64400	1058.06000	1.93765	1471.80000	641.61000	.00000	.00000	.00000
1.551	10.026	1599.50000	404.77400	681.20100	1055.57001	2.07894	1476.96001	650.01300	.00000	.00000	.00000
1.547	11.923	1600.39999	406.95000	681.97300	1056.03000	2.01404	1481.75999	653.67600	.00000	.00000	.00000
1.546	13.900	1601.00000	407.64100	682.33400	1056.38000	2.04322	1486.75000	656.20500	.00000	.00000	.00000
1.552	15.908	1602.20000	404.46400	682.14900	1057.41000	2.07452	1483.63000	654.97900	.00000	.00000	.00000
1.549	17.898	1601.70000	406.25100	682.32300	1056.96001	2.10055	1476.06000	653.34200	.00000	.00000	.00000
	GRADIENT	.02368	-.14224	-.01951	.02540	.00496	14.58495	7.36821	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (CVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.202	-1.929	3681.50000	3578.42999	102.02400	103.05900	-.31382	3645.54999	3576.54999	.00000	.00000	.00000
.202	-.016	3679.89999	3577.16000	101.70200	102.72900	-.27307	3653.89001	3580.92999	.00000	.00000	.00000
.202	2.003	3680.29999	3577.04001	102.21100	103.25100	-.23081	3663.29999	3588.62000	.00000	.00000	.00000
.202	3.989	3683.29999	3580.10001	102.15800	103.19200	-.18963	3672.85001	3592.89001	.00000	.00000	.00000
.201	6.053	3679.50000	3577.04999	101.42100	102.44600	-.14550	3674.45999	3590.73999	.00000	.00000	.00000
	GRADIENT	.29733	.25057	.04680	.04732	.02098	4.61839	2.86971	.00000	.00000	.00000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.250	-1.734	2400.50000	2297.98999	100.91500	102.50500	-.25284	2364.67999	2297.79999	.00000	.00000	.00000
.250	.144	2400.20001	2297.82999	100.78400	102.37000	-.21112	2375.12000	2303.04999	.00000	.00000	.00000
.251	2.144	2399.50000	2296.69000	101.20800	102.81000	-.16629	2382.78000	2308.10999	.00000	.00000	.00000
.250	4.009	2398.39999	2296.57001	100.25600	101.82400	-.18457	2388.45001	2310.19000	.00000	.00000	.00000
.250	6.242	2397.70001	2295.42999	100.68100	102.26400	-.07452	2392.87000	2309.85999	.00000	.00000	.00000
	GRADIENT	-.36385	-.28220	-.07926	-.08181	.01304	4.10658	2.19839	.00000	.00000	.00000

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.404	-1.870	1849.70000	1653.44000	188.45900	196.25300	-.29974	1783.78000	1655.64000	.00000	.00000	.00000
.404	.085	1853.10001	1656.44000	188.84800	196.66200	-.25709	1806.99001	1666.72000	.00000	.00000	.00000
.405	2.152	1849.80000	1652.31000	189.58900	197.48200	-.21073	1819.47000	1673.03000	.00000	.00000	.00000
.399	4.167	1848.70000	1656.74001	184.50400	191.95800	-.16669	1831.12000	1684.05000	.00000	.00000	.00000
.398	6.117	1850.50000	1658.85001	184.22200	191.64000	-.12287	1841.42000	1686.30000	.00000	.00000	.00000
	GRADIENT	-.31912	.28074	-.55288	-.59962	.02208	7.64391	4.53258	.00000	.00000	.00000

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.599	-1.963	2119.39999	1662.71001	417.83300	456.68600	-.18010	1978.91000	1670.39999	.00000	.00000	.00000
.599	.091	2117.00000	1660.62000	417.52500	456.37000	-.16052	2020.36000	1690.42999	.00000	.00000	.00000
.599	2.060	2117.70001	1662.13000	416.87500	455.56600	-.09642	2053.94000	1714.35001	.00000	.00000	.00000
.599	4.128	2111.29999	1656.17000	416.38800	455.12700	-.06717	2073.91000	1725.22000	.00000	.00000	.00000
.599	6.169	2117.50000	1660.92000	417.70400	456.57800	-.01614	2099.06000	1736.07001	.00000	.00000	.00000
	GRADIENT	-1.17113	-.90029	-.24607	-.27040	.01987	15.73049	9.29677	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (CVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.800	-1.822	2113.29999	1386.44000	621.04700	726.85500	-.26162	1932.32001	1437.95000	.00000	.00000	.00000
.799	.082	2117.79999	1390.31000	621.74600	727.49100	-.21963	1987.17999	1463.55000	.00000	.00000	.00000
.800	2.136	2119.39999	1390.48000	622.81200	728.91100	-.17642	2034.17000	1497.99001	.00000	.00000	.00000
.800	4.197	2118.10001	1388.99001	622.86600	729.11200	-.13435	2067.31000	1527.84000	.00000	.00000	.00000
.800	6.281	2117.50000	1389.39999	622.14000	728.09400	-.08868	2092.79001	1534.94000	.00000	.00000	.00000
	GRADIENT	.78405	.37758	.32347	.40700	.02113	22.42447	15.12865	.00000	.00000	.00000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.850	-1.940	2118.79999	1321.67000	667.78000	797.12500	-.25143	1929.46001	1392.84000	.00000	.00000	.00000
.850	.144	2116.29999	1319.39000	667.45400	796.90800	-.26439	1983.66000	1415.55000	.00000	.00000	.00000
.850	2.202	2114.29999	1318.41000	666.65200	795.89300	-.18271	2027.48000	1449.58000	.00000	.00000	.00000
.850	4.246	2115.20001	1319.30000	666.72200	795.89600	-.12456	2063.10999	1482.12000	.00000	.00000	.00000
.850	6.335	2119.79999	1321.75000	668.43900	798.04700	-.08998	2094.51001	1491.47000	.00000	.00000	.00000
	GRADIENT	-.62242	-.39391	-.19300	-.22811	.02239	21.58232	14.63683	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.900	-1.931	2114.39999	1250.78999	708.46300	863.60100	-.32159	1923.53999	1351.66000	.00000	.00000	.00000
.900	.161	2113.89999	1250.39999	708.35500	863.49700	-.27995	1978.52000	1371.94000	.00000	.00000	.00000
.900	2.233	2112.89999	1248.80000	708.61900	864.09900	-.20158	2024.86000	1409.77000	.00000	.00000	.00000
.900	4.321	2113.39999	1250.00000	708.24700	863.39400	-.18726	2061.09000	1443.25999	.00000	.00000	.00000
.900	6.393	2113.39999	1250.00000	708.24700	863.39400	-.14404	2088.17999	1451.55000	.00000	.00000	.00000
	GRADIENT	-.19194	-.19035	-.01851	-.00105	.02311	22.03935	15.00853	.00000	.00000	.00000

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.950	-1.845	2117.29999	1184.57001	748.32200	932.72700	-.29388	1926.37000	1324.23000	.00000	.00000	.00000
.949	.191	2118.00000	1185.67000	748.18200	932.32700	-.24602	1980.96001	1343.92999	.00000	.00000	.00000
.949	2.270	2117.70001	1186.07001	747.76000	931.62300	-.19431	2028.28999	1383.39999	.00000	.00000	.00000
.949	4.361	2119.20001	1186.56000	748.48600	932.63700	-.15003	2066.03000	1419.00000	.00000	.00000	.00000
.949	6.385	2118.10001	1186.57001	747.75100	931.52300	-.11012	2092.38000	1426.21001	.00000	.00000	.00000
	GRADIENT	.26124	.30734	.00384	-.74630	.02335	22.52109	15.65681	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.15 RA .2P/S INV (CVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.981	-1.847	2118.89999	1144.82001	770.59600	974.07500	-.27307	1927.47000	1308.45000	.00000	.00000	.00000
.979	.196	2119.20001	1146.73000	769.79800	972.47200	-.19683	1980.58000	1328.50999	.00000	.00000	.00000
.979	2.283	2119.89999	1146.92000	770.15000	972.97900	-.14553	2029.70000	1367.78000	.00000	.00000	.00000
.979	4.387	2119.50000	1146.92000	769.88900	972.57400	-.10630	2066.54001	1403.60001	.00000	.00000	.00000
.979	6.418	2119.00000	1147.53000	769.24900	971.46400	-.06751	2092.92001	1410.17999	.00000	.00000	.00000
	GRADIENT	.11985	.31074	-.08461	-.19119	.02651	22.42022	15.63202	.00000	.00000	.00000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.049	-1.880	1898.50000	946.67000	728.81000	951.56700	-.19879	1727.39000	1153.71001	.00000	.00000	.00000
1.048	.124	1899.89999	947.75700	729.17200	951.88500	-.16640	1775.11000	1167.86000	.00000	.00000	.00000
1.051	2.223	1903.10001	946.01900	731.89700	956.77800	-.12384	1821.25000	1196.72000	.00000	.00000	.00000
1.051	4.323	1902.89999	945.82000	731.86500	956.77200	-.05623	1853.98000	1232.99001	.00000	.00000	.00000
1.051	6.472	1899.30000	944.75700	730.15500	954.24900	-.01128	1876.03000	1238.81000	.00000	.00000	.00000
	GRADIENT	.79118	-.20946	.57477	.99191	.02274	20.54959	12.90355	.00000	.00000	.00000

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.101	-1.920	1931.20000	903.59600	766.45000	1025.48000	-.26974	1758.50000	1160.53000	.00000	.00000	.00000
1.098	.082	1929.00000	905.81600	764.29100	1021.23000	-.16714	1801.55000	1171.60001	.00000	.00000	.00000
1.101	2.167	1930.30000	902.80500	766.23900	1025.36000	-.16589	1846.14999	1200.10001	.00000	.00000	.00000
1.100	4.279	1930.30000	903.60400	765.92400	1024.60001	-.12353	1880.00999	1239.17000	.00000	.00000	.00000
1.098	6.344	1929.89999	905.90700	764.77900	1022.02000	-.01847	1303.53000	1244.92999	.00000	.00000	.00000
	GRADIENT	-.06419	-.14746	.02113	.07833	.02117	19.76804	12.81955	.00000	.00000	.00000

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-1.979	1917.60001	845.01300	780.25000	1066.39999	-.25665	1747.64000	1112.75999	.00000	.00000	.00000
1.149	.012	1914.50000	843.34400	779.09200	1064.95000	-.21629	1789.26000	1118.05000	.00000	.00000	.00000
1.151	2.154	1915.39999	841.44200	780.23800	1067.50000	-.18449	1830.53000	1146.42000	.00000	.00000	.00000
1.149	4.267	1914.89999	843.73900	779.18100	1064.98000	-.12080	1862.09000	1186.85001	.00000	.00000	.00000
1.149	6.306	1915.80000	843.73200	779.68400	1065.84000	-.07772	1886.55000	1192.55000	.00000	.00000	.00000
	GRADIENT	-.33889	-.27036	-.09669	-.07963	.02105	18.40599	12.05551	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (CVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.201	-1.981	1902.89999	783.29100	791.38700	1105.64999	-.26826	1732.00000	1054.77000	.00000	.00000	.00000
1.199	.093	1900.60001	784.89800	789.71500	1102.21001	-.23748	1774.80000	1057.09000	.00000	.00000	.00000
1.198	2.179	1899.80000	785.60000	789.09200	1100.89999	-.18602	1811.17999	1089.36000	.00000	.00000	.00000
1.198	4.250	1903.50000	787.26400	790.59100	1102.92999	-.14483	1845.64999	1130.41000	.00000	.00000	.00000
1.199	6.371	1902.10001	785.68300	790.29200	1102.95000	-.10171	1866.08000	1142.28999	.00000	.00000	.00000
	GRADIENT	.04771	.60718	-.14507	-.45595	.02030	18.15653	12.47188	.00000	.00000	.00000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.299	-1.929	1748.80000	632.14600	746.51700	1080.92000	-.24030	1582.73000	762.56900	.00000	.00000	.00000
1.299	.039	1750.70000	632.33500	747.40600	1082.42000	-.19811	1623.25000	782.44700	.00000	.00000	.00000
1.301	2.123	1752.20000	631.43600	748.26900	1084.28000	-.15392	1655.14999	834.16500	.00000	.00000	.00000
1.300	4.246	1752.70000	632.81900	748.29700	1083.81000	-.10288	1679.72000	880.76000	.00000	.00000	.00000
1.299	6.301	1752.89999	633.41200	748.30100	1083.60001	-.05950	1699.14000	891.45100	.00000	.00000	.00000
	GRADIENT	.63788	.05588	.29948	.50770	.02216	15.63258	19.76358	.00000	.00000	.00000

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.401	-2.028	1751.10001	549.21300	754.98700	1128.08000	-.17838	1567.95000	651.27900	.00000	.00000	.00000
1.399	.076	1752.20000	551.67600	755.41800	1127.87000	-.13426	1604.57001	674.17700	.00000	.00000	.00000
1.399	2.205	1752.39999	551.67600	755.50600	1128.02000	-.08845	1634.17000	708.19900	.00000	.00000	.00000
1.398	4.281	1748.10001	550.80500	753.64200	1125.03999	-.04296	1654.22000	739.23100	.00000	.00000	.00000
1.400	6.338	1749.10001	549.51700	754.10700	1126.39000	.00219	1670.64000	744.92200	.00000	.00000	.00000
	GRADIENT	-.41557	.22760	-.18643	-.42450	.02147	13.70308	14.14696	.00000	.00000	.00000

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.549	-2.124	1603.30000	406.73900	683.02100	1058.00999	-.11464	1376.35001	542.80700	.00000	.00000	.00000
1.550	-.045	1603.50000	406.34200	683.01600	1058.17000	-.05598	1409.33000	545.57900	.00000	.00000	.00000
1.549	2.045	1603.50000	406.63900	683.07600	1058.14999	-.01271	1434.84000	561.73600	.00000	.00000	.00000
1.549	4.167	1597.39999	405.18000	680.49500	1054.12000	.03577	1446.96001	578.68900	.00000	.00000	.00000
1.550	6.159	1601.00000	405.75800	681.96100	1056.52000	.07846	1464.75999	600.55200	.00000	.00000	.00000
	GRADIENT	-.84763	-.20956	-.35999	-.55933	.02358	11.31148	5.91185	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	8.038	1752.50000	632.62200	748.23100	1083.77000	.01701	1707.47000	921.50100	.00000	.00000	.00000
1.300	11.908	1749.39999	631.55000	746.90000	1081.82001	.04855	1716.33000	1033.13000	.00000	.00000	.00000
1.299	15.903	1748.70000	632.04800	746.48400	1080.89999	.05811	1708.64000	998.09800	.00000	.00000	.00000
1.299	17.967	1750.30000	632.73300	747.15000	1081.82001	.06515	1701.88000	1003.77000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.319	7.955	1749.60001	615.12200	749.33900	1092.32001	.00358	1702.91000	843.68600	.00000	.00000	.00000
1.319	11.997	1747.80000	614.24100	748.60000	1091.34000	.03900	1707.09000	919.91200	.00000	.00000	.00000
1.320	16.006	1753.39999	615.99400	751.02600	1094.97000	.05064	1709.59000	952.85000	.00000	.00000	.00000
1.320	18.010	1753.30000	615.69800	751.01700	1095.07001	.05863	1702.64999	964.94800	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.340	7.977	1750.89999	598.50300	751.88200	1103.17999	-.00549	1701.39999	788.46800	.00000	.00000	.00000
1.340	12.002	1752.80000	599.18700	752.69400	1104.35001	.02713	1707.27000	820.73900	.00000	.00000	.00000
1.337	16.034	1752.30000	600.77100	752.29700	1103.03999	.04138	1708.28000	870.99200	.00000	.00000	.00000
1.335	18.010	1753.00000	603.04100	752.38000	1102.31000	.04997	1696.00999	907.60300	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.360	7.980	1754.70000	583.46500	754.97300	1114.50000	-.02354	1695.19000	777.23200	.00000	.00000	.00000
1.360	11.974	1747.60001	580.63200	751.95300	1110.24001	-.00388	1699.98000	794.87500	.00000	.00000	.00000
1.360	16.056	1752.50000	582.78300	754.02200	1113.07001	.02824	1699.39999	842.41300	.00000	.00000	.00000
1.361	17.986	1751.50000	581.60200	753.65600	1112.89000	.03881	1690.19000	854.40400	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.378	7.985	1752.30000	567.57300	754.09000	1120.60001	-.03572	1690.84000	765.96100	.00000	.00000	.00000
1.380	11.946	1754.00000	567.25900	755.66400	1122.10001	-.00282	1702.05000	779.64500	.00000	.00000	.00000
1.381	16.045	1747.10001	563.84200	752.74800	1118.25999	.01314	1689.81000	794.45300	.00000	.00000	.00000
1.381	17.961	1753.39999	566.08700	755.05200	1122.19000	.01835	1689.13000	800.57300	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.400	7.991	1751.00000	550.29900	754.92200	1127.53000	-.04478	1683.56000	759.99400	.00000	.00000	.00000
1.400	11.952	1750.39999	549.90700	754.66700	1127.23000	-.01467	1688.50999	768.17200	.00000	.00000	.00000
1.401	16.014	1752.50000	550.19400	755.58000	1128.75000	.00039	1686.94000	770.56200	.00000	.00000	.00000
1.399	17.971	1753.80000	551.76800	756.11700	1129.08000	.01113	1681.03000	770.00000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.450	7.985	1752.50000	513.18100	755.01100	1142.77000	-.07387	1663.02000	734.28700	.00000	.00000	.00000
1.449	11.857	1751.50000	513.77700	754.62400	1141.83000	-.06348	1670.52000	744.83400	.00000	.00000	.00000
1.451	16.025	1750.50000	511.70800	754.10300	1141.75000	-.12111	1665.70000	744.75300	.00000	.00000	.00000
1.451	18.092	1749.39999	511.21900	753.62000	1141.08000	-.11734	1654.80000	740.21600	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.201	-1.766	3674.89999	3573.14999	100.72700	101.73800	.11013	3683.62000	3571.04999	.00000	.00000	.00000
.201	2.228	3674.39999	3571.88000	101.48700	102.51900	.11051	3656.67001	3582.07999	.00000	.00000	.00000
.201	6.192	3677.29999	3575.54001	100.74700	101.75800	.11030	3671.97000	3589.23999	.00000	.00000	.00000
.201	10.191	3673.70001	3571.97000	100.70700	101.71800	.11117	3673.84000	3587.17999	.00000	.00000	.00000
.200	14.198	3669.79999	3569.25000	99.55480	100.54400	.11075	3668.85993	3583.56000	.00000	.00000	.00000
.201	18.204	3678.50000	3576.25000	101.22400	102.24200	.11088	3670.72000	3588.45999	.00000	.00000	.00000
	GRADIENT	-.12521	-.31802	.19032	.19558	.00010	-6.74874	2.76211	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.397	-1.964	1851.70000	1661.27000	183.10600	190.42600	.08138	1784.31000	1662.30000	.00000	.00000	.00000
.399	2.089	1849.10001	1656.71001	184.90300	192.39000	.08177	1818.53999	1677.85001	.00000	.00000	.00000
.400	6.076	1849.50000	1656.64999	185.33000	192.84900	.08096	1840.71001	1685.73000	.00000	.00000	.00000
.399	10.062	1849.50000	1657.23000	184.79200	192.26600	.08103	1849.07001	1688.70000	.00000	.00000	.00000
.399	14.055	1849.30000	1657.13000	184.69600	192.16500	.08145	1848.07001	1685.97000	.00000	.00000	.00000
.398	18.049	1848.89999	1657.64000	183.86400	191.25900	.08187	1836.00000	1681.84000	.00000	.00000	.00000
	GRADIENT	-.64143	-1.12497	.44333	.48453	.00010	8.44472	3.83627	.00000	.00000	.00000

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.539	-1.951	2113.00000	1658.37000	416.01200	454.62600	-.03835	1967.25000	1670.03000	.00000	.00000	.00000
.600	2.115	2118.00000	1660.50000	418.46700	457.49700	-.03766	2052.41000	1713.70000	.00000	.00000	.00000
.601	6.089	2120.60001	1661.46001	419.86300	459.13600	-.03856	2101.14001	1737.30000	.00000	.00000	.00000
.600	10.078	2114.70001	1658.33000	417.47000	456.36100	-.03858	2113.69000	1741.12000	.00000	.00000	.00000
.600	14.086	2112.79999	1656.64999	417.25800	456.15200	-.03596	2110.35001	1735.33000	.00000	.00000	.00000
.598	18.076	2113.79999	1660.17999	415.19600	453.61400	-.03387	2087.56000	1726.75999	.00000	.00000	.00000
	GRADIENT	1.22981	.52390	.60384	.70616	.00017	20.94622	10.74121	.00000	.00000	.00000

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.699	-1.936	2119.70001	1529.61000	523.05100	590.08100	-.00705	1947.00000	1557.74001	.00000	.00000	.00000
.702	2.061	2117.70001	1523.57001	526.03100	594.13100	-.00744	2038.12000	1598.77000	.00000	.00000	.00000
.703	6.114	2114.39999	1520.78999	525.51400	593.60600	-.00823	2091.54999	1626.25000	.00000	.00000	.00000
.701	10.066	2115.70001	1523.50000	524.49700	592.19500	-.00679	2114.39999	1637.36000	.00000	.00000	.00000
.700	14.084	2120.10001	1528.69000	524.06300	591.40100	-.00735	2117.35999	1639.19000	.00000	.00000	.00000
.697	18.070	2117.20001	1530.27000	520.57400	586.93100	-.00510	2087.85999	1627.46001	.00000	.00000	.00000
	GRADIENT	-.50044	-1.51133	.74565	1.01339	-.00010	22.80006	10.26653	.00000	.00000	.00000

RUN NO. 260/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.801	-1.983	2125.60001	1393.21001	625.54500	732.38900	.04709	1935.02000	1447.42000	.00000	.00000	.00000
.800	1.919	2117.60001	1389.39999	622.21500	728.19400	.04480	2027.36000	1493.25999	.00000	.00000	.00000
.800	5.912	2117.50000	1389.71001	621.93400	727.79000	.04296	2090.04001	1534.28999	.00000	.00000	.00000
.800	9.967	2116.60001	1388.10001	622.35800	728.49600	.04397	2115.01001	1541.47000	.00000	.00000	.00000
.800	13.967	2114.50000	1386.82001	621.67400	727.67600	.04370	2111.98001	1538.41000	.00000	.00000	.00000
.799	18.030	2113.39999	1387.14999	620.64100	726.24900	.04692	2082.84000	1528.99001	.00000	.00000	.00000
	GRADIENT	-2.05000	.97651	-.85348	-1.07518	-.00059	23.66673	11.74879	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .?P/S (CVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.900	-1.953	2114.79999	1250.49001	708.92100	864.31100	.10581	1917.59000	1356.31000	.00000	.00000	.00000
.900	1.965	2115.10001	1250.89000	708.89000	864.21000	.10638	2019.81000	1407.98000	.00000	.00000	.00000
.900	5.944	2117.79999	1251.55000	710.34900	866.24500	.07905	2088.60999	1456.44000	.00000	.00000	.00000
.900	9.984	2116.39999	1250.97000	709.73500	865.42700	.07976	2114.38000	1463.45000	.00000	.00000	.00000
.900	13.992	2115.50000	1251.48000	708.80800	864.00900	.10739	2113.19000	1463.58000	.00000	.00000	.00000
.900	17.996	2115.10001	1250.67999	709.01000	864.41100	.10267	2084.32001	1458.03000	.00000	.00000	.00000
	GRADIENT	.07659	.10211	-.00791	-.02578	.00015	26.09444	13.19017	.00000	.00000	.00000

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.950	-1.973	2116.29999	1184.08000	747.93000	932.21600	.05681	1915.85001	1326.25000	.00000	.00000	.00000
.950	1.989	2117.89999	1184.86000	748.55700	933.03100	.03369	2020.74001	1377.50999	.00000	.00000	.00000
.950	6.006	2113.50000	1182.61000	746.88900	930.89000	.08435	2083.88000	1422.02000	.00000	.00000	.00000
.950	9.980	2116.70001	1183.77000	748.36300	932.92600	.02360	2114.47000	1434.27000	.00000	.00000	.00000
.950	14.007	2118.39999	1185.06000	748.78100	933.34000	.01365	2116.23999	1435.13000	.00000	.00000	.00000
.950	17.985	2112.50000	1181.31000	746.93900	931.18400	.00940	2082.66000	1426.28000	.00000	.00000	.00000
	GRADIENT	.40383	.19687	.15825	.20570	-.00583	26.47360	12.93771	.00000	.00000	.00000

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.980	-2.021	2117.29999	1145.34000	769.29300	971.95100	-.00019	1916.05000	1311.59000	.00000	.00000	.00000
.979	2.041	2117.10001	1146.35001	768.63900	970.74800	.03281	2020.44000	1362.03000	.00000	.00000	.00000
.980	6.025	2114.70001	1143.27000	768.69700	971.43100	.03086	2084.79001	1406.75999	.00000	.00000	.00000
.980	9.998	2114.60001	1142.66000	768.94600	971.93200	-.00454	2112.44000	1416.77000	.00000	.00000	.00000
.980	14.003	2113.70001	1142.37000	768.51600	971.32400	-.02239	2111.60999	1414.92999	.00000	.00000	.00000
.980	18.003	2116.29999	1144.35001	769.16400	971.94500	.00647	2086.82001	1413.50000	.00000	.00000	.00000
	GRADIENT	-.04923	.24866	-.16101	-.29618	.00813	25.70075	12.41830	.00000	.00000	.00000

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.050	-1.995	1899.50000	945.75700	729.82800	953.45900	-.02704	1721.75000	1159.05000	.00000	.00000	.00000
1.049	2.060	1898.60001	945.86700	729.23200	952.45500	-.04828	1814.12000	1196.00999	.00000	.00000	.00000
1.049	6.072	1899.30000	946.26000	729.48000	952.76400	-.02341	1873.71001	1241.75000	.00000	.00000	.00000
1.050	10.045	1901.30000	946.53900	730.57100	954.47500	-.02190	1899.28000	1250.98000	.00000	.00000	.00000
1.050	14.074	1901.00000	946.34200	730.47700	954.37300	-.00166	1898.84000	1249.83000	.00000	.00000	.00000
1.049	18.029	1898.10001	945.67200	729.01500	952.15100	-.04686	1871.72000	1240.57001	.00000	.00000	.00000
	GRADIENT	-.22196	.02713	-.14699	-.24761	-.00524	22.78091	9.11532	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.100	-2.011	1900.89999	890.59000	753.96200	1008.28000	-.01986	1722.42999	1150.17000	.00000	.00000	.00000
1.099	2.052	1902.70000	891.87300	754.50300	1008.82000	-.01635	1814.98000	1183.21001	.00000	.00000	.00000
1.100	6.005	1903.20000	891.76800	754.83500	1009.41000	-.02448	1873.94000	1231.97000	.00000	.00000	.00000
1.100	10.024	1900.89999	890.69000	753.92300	1008.19000	-.01078	1896.42999	1236.13000	.00000	.00000	.00000
1.100	14.083	1898.89999	888.91000	753.46300	1007.93000	.03931	1894.57001	1232.58000	.00000	.00000	.00000
1.100	18.076	1898.30000	889.01500	753.07200	1007.24000	.03235	1871.34000	1227.78000	.00000	.00000	.00000
	GRADIENT	.44304	.31579	.13316	.13291	.00086	22.77986	8.13232	.00000	.00000	.00000

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.148	-1.987	1901.80000	838.46500	773.68100	1057.25000	.03939	1725.06000	1113.91000	.00000	.00000	.00000
1.149	2.086	1897.30000	835.31100	772.24800	1055.78999	.03878	1808.92999	1135.50999	.00000	.00000	.00000
1.151	6.046	1906.70000	837.62600	776.69200	1062.64999	.05813	1873.98000	1191.44000	.00000	.00000	.00000
1.151	10.040	1900.80000	835.48200	774.13700	1058.96001	.06707	1890.92000	1197.50999	.00000	.00000	.00000
1.150	14.088	1896.20000	833.52600	772.24100	1056.34000	.06219	1887.69000	1198.42999	.00000	.00000	.00000
1.150	18.062	1899.30000	834.99600	773.46800	1057.98000	.05279	1871.03999	1196.78999	.00000	.00000	.00000
	GRADIENT	-1.10495	-.77445	-.35186	-.35850	-.00015	20.59377	5.30375	.00000	.00000	.00000

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.200	-1.998	1902.39999	784.28900	790.84300	1104.37000	.05089	1725.95000	1055.92999	.00000	.00000	.00000
1.200	2.045	1900.10001	783.80800	789.75600	1102.64999	.06296	1805.53000	1077.66000	.00000	.00000	.00000
1.199	6.060	1901.00000	784.89500	789.92900	1102.58000	.06113	1859.63000	1144.22000	.00000	.00000	.00000
1.199	10.055	1901.20000	785.29200	789.92400	1102.44000	.07340	1883.53999	1160.34000	.00000	.00000	.00000
1.200	14.080	1898.60001	783.32200	789.09500	1101.67000	.06967	1882.09000	1162.50999	.00000	.00000	.00000
1.200	18.036	1898.60001	782.52600	789.31800	1102.32001	.04676	1865.95000	1159.30000	.00000	.00000	.00000
	GRADIENT	-.56875	-.11894	-.26879	-.42533	.00299	19.67864	5.37342	.00000	.00000	.00000

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	-1.999	1745.10001	630.18600	745.03500	1079.03999	.01468	1572.53999	803.31000	.00000	.00000	.00000
1.300	2.014	1746.00000	630.08200	745.48600	1079.88000	.01629	1641.63000	878.54000	.00000	.00000	.00000
1.300	5.952	1746.70000	630.07900	745.82400	1080.47000	.01788	1689.39999	936.02500	.00000	.00000	.00000
1.300	9.980	1746.60001	630.17800	745.76000	1080.33000	.02622	1709.05000	979.78800	.00000	.00000	.00000
1.300	14.018	1744.80000	630.09800	744.90500	1078.85001	.02552	1709.19000	1019.84000	.00000	.00000	.00000
1.300	18.041	1746.20000	630.27900	745.55200	1079.92000	.01847	1696.89999	1003.58000	.00000	.00000	.00000
	GRADIENT	.82429	-.03502	.11239	.20934	.00040	17.21822	18.74839	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.550	-1.888	1593.89999	403.80800	678.90700	1051.85001	-.12793	1360.60001	532.14200	.00000	.00000	.00000
1.550	2.047	1600.89999	405.46100	681.86400	1056.47000	-.12894	1423.94000	554.97800	.00000	.00000	.00000
1.550	6.027	1599.10001	405.17200	681.13100	1055.27000	-.12802	1460.49001	601.92400	.00000	.00000	.00000
1.549	10.107	1599.30000	405.46900	681.26500	1055.39000	-.12029	1477.34000	623.21400	.00000	.00000	.00000
1.550	14.069	1603.30000	406.34300	682.94100	1058.03999	-.12162	1488.62000	637.35200	.00000	.00000	.00000
1.549	18.098	1600.30000	405.95900	681.73900	1056.03000	-.13278	1472.00000	635.41600	.00000	.00000	.00000
	GRADIENT	1.77880	.42005	.75142	1.17400	-.00026	15.58736	5.80295	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.219	8.054	1748.50000	703.24900	731.58700	1029.22000	2.02335	1722.25999	1077.39999	.00000	.00000	.00000
1.219	11.957	1752.10001	704.61600	733.11400	1031.39999	2.18803	1734.66000	1090.28999	.00000	.00000	.00000
1.220	16.095	1750.70000	702.83700	732.84000	1031.53999	2.11806	1729.94000	1090.97000	.00000	.00000	.00000
1.218	18.084	1748.70000	704.34100	731.41000	1028.53999	2.07728	1718.57001	1091.23000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.240	8.054	1757.00000	687.70500	739.77700	1048.91000	2.02446	1723.05000	1068.89999	.00000	.00000	.00000
1.240	11.968	1747.50000	683.59500	735.86800	1043.53999	2.04950	1727.53000	1070.39999	.00000	.00000	.00000
1.238	15.977	1753.00000	687.63000	737.74600	1045.39999	2.04826	1728.71001	1079.33000	.00000	.00000	.00000
1.239	18.079	1759.70000	689.67300	740.70300	1049.84000	2.06859	1724.81000	1083.55000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.260	8.045	1754.10001	668.08000	742.60400	1060.86000	2.01750	1714.38000	1056.05000	.00000	.00000	.00000
1.259	11.981	1755.20000	669.06500	742.95300	1061.12000	2.04742	1728.75000	1070.14000	.00000	.00000	.00000
1.258	15.984	1746.70000	667.42900	739.02100	1054.82001	2.06836	1717.72000	1069.53000	.00000	.00000	.00000
1.258	18.096	1753.89999	669.56900	742.19500	1059.61000	2.03443	1714.69000	1072.47000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.280	8.039	1748.10001	647.89600	743.52200	1069.82001	2.03566	1703.55000	1041.06000	.00000	.00000	.00000
1.280	11.999	1750.50000	649.36900	744.43800	1070.89000	2.06283	1719.07001	1057.55000	.00000	.00000	.00000
1.280	15.970	1750.80000	649.36700	744.58600	1071.14999	2.02933	1717.21001	1060.91000	.00000	.00000	.00000
1.279	18.105	1751.00000	650.35700	744.50500	1070.64000	2.03235	1707.39000	1061.77000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	8.026	1752.00000	632.42700	748.02000	1083.47000	2.01617	1701.53999	1029.03999	.00000	.00000	.00000
1.300	11.917	1756.10001	633.39600	749.84900	1086.34000	2.16776	1721.14000	1050.67000	.00000	.00000	.00000
1.300	15.977	1752.89999	632.81800	748.39300	1083.98000	2.01801	1714.12000	1051.24001	.00000	.00000	.00000
1.301	18.072	1751.00000	631.44200	747.68900	1083.25000	2.03973	1704.72000	1048.74001	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.320	8.006	1750.39999	614.52500	749.79500	1093.35001	2.01764	1698.00000	1006.45000	.00000	.00000	.00000
1.321	12.016	1756.89999	616.37200	752.63500	1097.67000	2.04958	1717.33000	1040.63000	.00000	.00000	.00000
1.319	15.986	1743.00000	612.78100	746.51500	1088.21001	2.02529	1700.98000	1031.30000	.00000	.00000	.00000
1.321	18.067	1744.20000	612.08300	747.17300	1089.64000	1.99448	1695.03999	1030.09000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.341	8.001	1754.50000	598.88200	753.51500	1105.92999	2.01912	1701.81000	970.42100	.00000	.00000	.00000
1.340	12.007	1745.39999	596.65100	749.51700	1099.69000	2.03843	1702.66000	1028.60001	.00000	.00000	.00000
1.340	15.979	1747.39999	597.13600	750.39600	1101.07001	2.02636	1703.86000	1022.89000	.00000	.00000	.00000
1.340	18.098	1749.30000	597.62100	751.22900	1102.36000	1.98389	1696.75000	1022.29000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (CVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.360	7.994	1747.70000	581.02600	751.96900	1110.11000	2.01203	1686.42999	895.78700	.00000	.00000	.00000
1.360	11.935	1755.39999	583.36300	755.29900	1115.12000	2.00672	1707.32001	1028.44000	.00000	.00000	.00000
1.360	15.984	1754.00000	583.27100	754.66800	1114.03000	1.97916	1705.99001	1007.86000	.00000	.00000	.00000
1.360	18.040	1753.10001	582.28700	754.33300	1113.82001	2.01337	1694.72000	1007.23000	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.380	7.981	1748.89999	565.21700	753.48700	1119.03000	2.00908	1684.75000	814.54900	.00000	.00000	.00000
1.379	11.967	1751.30000	566.88500	754.47700	1120.13000	1.96863	1700.27000	970.34700	.00000	.00000	.00000
1.381	15.941	1755.30000	566.77000	756.26800	1123.37000	1.97776	1698.72000	992.99300	.00000	.00000	.00000
1.381	18.045	1752.60001	565.69500	755.11500	1121.74001	1.95208	1689.89000	995.09100	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.401	7.957	1751.50000	550.00100	755.14700	1128.05000	1.99119	1680.42999	782.76700	.00000	.00000	.00000
1.400	11.908	1754.50000	551.46900	756.43000	1129.75000	2.07310	1690.92999	885.48800	.00000	.00000	.00000
1.399	15.912	1745.20000	549.23700	752.40600	1123.46001	1.94836	1679.46001	915.36700	.00000	.00000	.00000
1.401	18.020	1742.50000	547.17500	751.26600	1122.25000	1.94410	1670.28000	931.33200	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.450	7.958	1756.60001	514.54700	756.78500	1145.39000	1.97132	1663.17999	759.73900	.00000	.00000	.00000
1.450	11.985	1749.50000	512.00800	753.70300	1140.91000	1.88933	1668.34000	772.20500	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.450	16.008	1749.39999	512.40400	753.68200	1140.70000	1.95034	1665.21001	797.32500	.00000	.00000	.00000
1.449	17.954	1750.00000	512.79600	753.95100	1141.03000	1.92255	1658.24001	810.15800	.00000	.00000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.200	-1.724	3676.23999	3574.84000	100.44500	101.44500	.10896	3639.14999	3574.79001	3664.84000	3506.73999	-2.96312
.202	.162	3678.29999	3575.59000	101.67200	102.69700	.10889	3651.47000	3580.98999	3660.09000	3524.32999	-2.29123
.202	2.150	3675.00000	3572.20999	101.74700	102.78400	.10901	3656.89001	3583.75000	3649.07999	3531.20999	-1.76590
.200	4.102	3675.60001	3574.29999	100.29000	101.29700	.10890	3664.42001	3586.73999	3639.39001	3542.20001	-1.32010
.199	6.155	3677.20001	3576.59000	99.61250	100.60800	.10895	3671.64999	3590.39999	3630.51999	3557.88000	-.93796
.200	8.172	3676.79999	3575.35001	100.43500	101.43600	.10944	3675.00000	3589.62000	3617.63000	3571.54999	-.57310
.200	10.191	3676.10001	3575.25000	99.85260	100.85000	.10956	3675.81000	3590.82001	3605.00000	3583.85001	-.25987
.200	12.186	3676.20001	3575.00000	100.19600	101.19400	.11012	.00000	3590.95999	3592.89999	3596.07999	-.16313
.200	14.194	3676.70001	3575.10001	100.58000	101.58900	.11033	3675.98001	3589.31000	3590.07999	3608.26999	.34462
.199	16.200	3676.10001	3576.22000	98.89500	99.86440	.11056	3673.00000	3587.20999	3565.95001	3620.01001	.67565
	GRADIENT	-.28190	-.25911	-.02223	-.02057	-.00000	4.16454	1.97889	-4.49386	5.80592	.27992

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.250	-3.986	2387.29999	2285.57001	100.14800	101.72200	.04782	2335.82999	2283.25000	2381.59000	2203.23001	-4.10719
.251	-2.079	2387.89999	2285.54999	100.75600	102.35100	.04761	2348.47000	2286.54001	2377.48001	2217.44000	-3.13743
.251	-.007	2386.39999	2283.84000	100.95700	102.55700	.04722	2358.57999	2289.81000	2368.87000	2231.92999	-2.35377
.252	1.932	2385.00000	2282.13000	101.26000	102.87200	.04728	2366.69000	2293.53000	2359.60001	2242.84000	-1.78350
.253	3.917	2385.60001	2281.37000	102.57500	104.23000	.04702	2374.14001	2296.12000	2349.60999	2252.95001	-1.32675
.254	5.951	2387.79999	2283.35999	102.77800	104.43900	.04749	2381.82001	2299.07001	2340.59000	2266.81000	-.94449
.253	7.977	2392.60001	2288.67999	102.27600	103.91800	.04765	2390.22000	2304.66000	2332.92999	2285.87000	-.58219
.252	10.002	2388.89999	2285.92001	101.36300	102.97300	.04759	2388.47000	2302.45001	2317.38000	2296.64999	-.25448
.251	11.976	2381.39999	2279.35999	100.44800	102.03400	.04770	.00000	2296.28000	2298.23999	2301.03000	-.13747
.252	13.990	2379.60001	2276.92999	101.05400	102.66200	.04751	2379.10001	2291.91000	2282.88000	2311.76001	.35321
.253	16.030	2383.39999	2280.00000	101.76400	103.39000	.04821	2380.59000	2292.89001	2271.70999	2327.23001	.68435
	GRADIENT	-.31916	-.59737	.27004	.27906	-.00010	4.78432	1.65136	-4.13160	6.29992	.34884

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.399	-1.885	1851.10001	1659.14999	184.50900	191.94900	.08248	1784.45000	1664.46001	1831.23000	1538.39999	-2.93917
.399	.013	1852.80000	1659.86000	185.42500	192.93600	.08249	1805.48000	1672.38000	1820.06000	1567.17000	-2.26072
.401	1.980	1854.80000	1660.59000	196.59700	194.20200	.08196	1823.06000	1682.38000	1805.63000	1587.36000	-1.72462
.400	3.996	1850.39999	1657.03999	185.79700	193.35700	.08186	1831.28000	1685.72000	1785.19000	1604.17999	-1.32514
.401	5.974	1848.20000	1654.58000	186.02900	193.61800	.08179	1838.53000	1684.62000	1763.12000	1624.92999	-.95631
.400	8.006	1848.20000	1655.36000	185.31200	192.83700	.08143	1844.59000	1684.64000	1740.17000	1650.05000	-.60284
.401	10.007	1850.39999	1656.36000	186.42900	194.04300	.08146	1849.97000	1689.22000	1718.09000	1676.50999	-.27240
.400	12.047	1851.30000	1658.39999	185.37800	192.89200	.08106	1851.37000	1691.08000	1695.17000	1701.88000	.04387
.399	14.037	1852.39999	1660.00999	184.91300	192.38400	.08164	1851.67999	1689.87000	1673.64999	1725.28000	.33923
.399	16.028	1852.60001	1660.12000	184.99900	192.47400	.08161	1847.91000	1685.80000	1648.33000	1747.78999	.66371
	GRADIENT	-.01410	-.29182	.25425	.27723	-.00012	8.04001	3.75518	-7.79195	11.07236	.27378

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.600	-1.874	2116.60001	1658.80000	418.68300	457.79300	-.04319	1974.28000	1681.57001	2062.94000	1380.75000	-2.70251
.600	.028	2115.39999	1658.00999	418.32100	457.38000	-.04294	2014.48000	1695.62000	2033.17999	1454.05000	-2.13807
.601	2.030	2115.89999	1656.99001	419.58200	458.90600	-.04326	2048.89001	1712.14000	1996.52000	1503.05000	-1.64985
.601	4.126	2115.39999	1657.10001	419.07100	458.29800	-.04440	2075.64999	1727.88000	1956.21001	1552.14999	-1.25689
.602	6.079	2117.89999	1658.06000	420.38000	459.83000	-.04259	2097.48999	1735.44000	1910.96001	1605.75000	-.89997
.602	8.055	2117.50000	1657.36000	420.62000	460.13600	-.04281	2110.14001	1738.13000	1861.41000	1661.44000	-.57346
.601	10.054	2117.50000	1658.89000	419.37100	458.61300	-.04134	2116.78000	1742.58000	1811.05000	1717.74001	-.26478
.601	12.077	2118.00000	1658.98000	419.71700	459.02100	-.04001	2118.79001	1742.11000	1760.35000	1771.95000	.03287
.600	14.076	2118.29999	1660.49001	418.72400	457.79900	-.03673	2117.22000	1739.06000	1706.75000	1823.35001	.33112
.600	16.039	2117.39999	1659.89999	418.45200	457.49100	-.03301	2109.25000	1727.94000	1651.89999	1872.25999	.63474
	GRADIENT	-.15320	-.30370	.12089	.15126	-.00020	16.88587	7.77314	-17.86004	28.08835	.24073

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.700	-2.035	2102.89999	1515.63000	520.30700	587.26400	-.00730	1927.67999	1552.74001	2037.05000	1163.92999	-2.66852
.699	.139	2115.20001	1525.74001	522.41100	589.45000	-.01408	1994.66000	1582.33000	2009.86000	1280.39000	-2.08697
.700	2.072	2116.50000	1525.21001	523.84100	591.28400	-.00653	2035.35001	1601.50999	1968.30000	1337.56000	-1.64934
.701	4.008	2118.29999	1525.67999	524.90800	592.61200	.00230	2067.79999	1622.56000	1919.74001	1399.78000	-1.27427
.701	6.043	2116.00000	1524.21001	524.20300	591.78700	-.00304	2090.54001	1630.57001	1861.17999	1470.89000	-.91942
.701	8.045	2116.70001	1524.80000	524.30800	591.89600	-.00475	2107.60999	1636.07001	1803.64999	1543.27000	-.59974
.701	10.045	2119.50000	1526.47000	525.26300	593.02200	.01324	2118.56000	1639.86000	1744.83000	1612.98000	-.29990
.699	12.024	2115.50000	1526.35001	522.19300	589.14800	.00462	2116.57999	1640.10001	1680.88000	1675.67999	-.01186
.699	14.070	2117.39999	1528.34000	522.19300	589.06200	.01986	2116.39001	1636.39999	1613.07001	1745.36000	.30260
.698	16.050	2116.39999	1528.46001	521.30900	587.93600	.03820	2107.89001	1629.50999	1544.23000	1806.08000	.60511
	GRADIENT	2.40364	1.51067	.76193	.89286	.00176	23.07543	11.42010	-19.53055	38.28586	.23078

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.800	-3.954	2118.50000	1390.09000	622.41000	728.40100	.04038	1861.25000	1444.59000	2067.37000	959.62000	-3.14033
.800	-1.973	2119.00000	1390.19000	622.71700	728.81300	.04221	1923.66000	1455.50999	2033.11000	994.47100	-2.50289
.800	-.059	2114.39999	1387.23000	621.32300	727.16900	.04052	1971.89999	1470.72000	1986.46001	1103.50999	-2.04000
.800	1.946	2112.20001	1385.75000	620.70200	726.45000	.03434	2017.27000	1494.46001	1928.13000	1197.02000	-1.59047
.800	3.976	2116.00000	1388.52000	621.63200	727.48100	.03163	2057.89999	1525.49001	1879.28000	1278.81000	-1.24139
.799	6.001	2114.70001	1388.03000	620.99300	726.66400	.03136	2084.28000	1535.96001	1813.95000	1365.00999	-.90059
.800	7.989	2115.29999	1387.32001	621.93100	727.98300	.03248	2103.12000	1541.11000	1749.50000	1443.17999	-.60206
.800	9.976	2116.29999	1388.82001	621.65100	727.48000	.03421	2113.92001	1544.22000	1679.47000	1525.63000	-.30006
.800	12.010	2115.79999	1388.02000	621.82500	727.78100	.03508	2116.09000	1544.07001	1598.07001	1603.77000	.01104
.800	14.004	2115.20001	1387.52000	621.71800	727.67700	.03785	2114.32999	1539.33000	1519.78000	1675.97000	.30327
.800	15.992	2113.60001	1386.84000	620.99700	726.75800	.04120	2104.95001	1533.81000	1440.20000	1749.13000	.60808
	GRADIENT	-.59045	-.37895	-.17891	-.21065	-.00129	24.60106	10.16621	-24.33391	42.50928	.23794

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.850	-4.013	2121.00000	1322.34000	668.92000	798.65700	.09121	1858.05000	1397.85001	2063.67999	879.37300	-3.00872
.849	-2.012	2119.60001	1322.56000	667.77800	797.02900	.03418	1920.50999	1409.09000	2023.03999	931.55300	-2.44677
.850	-.045	2114.79999	1318.20000	667.14200	796.59800	.09397	1970.14000	1424.00000	1974.78000	1042.99001	-2.00640
.850	1.982	2115.20001	1319.50000	666.59300	795.69000	.03182	2019.19000	1452.58000	1920.53999	1147.74001	-1.58231
.850	3.930	2119.29999	1321.46001	668.27100	797.83900	.03660	2059.04001	1485.14999	1865.92000	1233.28999	-1.23197
.850	5.964	2117.29999	1320.08000	667.72600	797.22000	.09852	2086.23001	1494.35001	1797.96001	1324.84000	-.89697
.850	7.991	2115.60001	1318.99001	667.20500	796.60300	.10075	2103.42001	1498.00999	1725.77000	1410.64000	-.58717
.850	9.991	2116.29999	1318.88000	667.77600	797.41800	.10357	2113.85001	1501.64000	1651.98000	1492.35001	-.29417
.850	12.013	2121.39999	1323.24001	668.62900	798.15600	.04696	2121.62000	1505.82001	1571.24001	1581.28000	.01837
.849	14.018	2117.70001	1321.17999	667.30600	796.51600	.05126	2116.91000	1499.03999	1489.17999	1655.78999	.30645
.850	16.010	2114.10001	1318.41000	666.50700	795.68500	.05727	2104.87000	1492.58000	1406.64000	1730.39999	.60579
	GRADIENT	-.39363	-.24247	-.12581	-.15092	-.00564	25.17513	10.95948	-25.03370	46.44874	.22215

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.899	-1.933	2145.79999	1270.39999	718.37300	875.40100	.13339	1946.70000	1384.39999	2040.11000	906.68400	-2.39471
.900	-.054	2141.79999	1266.62000	717.67000	875.17500	.09408	1993.78000	1398.91000	1993.31000	995.80100	-1.99811
.900	1.933	2140.20001	1265.94000	717.17700	874.25600	.12022	2040.87000	1426.17999	1938.36000	1113.96001	-1.60168
.900	3.933	2142.00000	1265.81000	718.48900	876.18500	.07374	2080.82999	1463.35001	1877.31000	1205.62000	-1.24535
.900	5.933	2142.29999	1266.00999	718.57800	876.28400	.08423	2110.13000	1474.58000	1809.87000	1301.64000	-.91676
.899	7.938	2141.60001	1266.92999	717.55100	874.66700	.11119	2128.98001	1478.07001	1735.56000	1387.78000	-.61304
.900	9.976	2141.89999	1266.02000	718.30000	875.87600	.08633	2140.01999	1480.56000	1660.75000	1476.42999	-.32254
.900	11.997	2142.39999	1266.31000	718.46700	876.08500	.06858	2143.63000	1481.36000	1573.30000	1563.12000	-.01769
.900	14.015	2143.50000	1267.11000	718.57300	876.09100	.12082	2143.14001	1478.07001	1491.63000	1648.67999	.27409
.900	15.994	2141.10001	1266.53000	717.44300	874.56500	.10687	2132.59000	1472.91000	1415.95000	1725.75000	.55151
.900	18.001	2141.89999	1266.72000	717.88000	875.17000	.11208	2114.26999	1467.85001	1317.38000	1802.56000	.87530
	GRADIENT	-.65478	-.73131	-.01531	.07565	-.00778	22.93598	13.51919	-27.76015	51.83045	.19620

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.950	-3.991	2117.89999	1184.75999	748.61200	933.13100	.02209	1851.85001	1330.24001	2051.44000	785.10100	-2.87435
.950	-2.011	2118.00000	1185.16000	748.45800	932.83000	.06000	1913.14999	1340.30000	2011.64999	857.57700	-2.39620
.950	.026	2118.50000	1184.55000	749.12400	933.94200	.02621	1969.08000	1354.69000	1961.56000	962.86000	-1.95315
.951	1.927	2118.10001	1184.16000	749.07700	933.94100	.02801	2015.03000	1381.57001	1909.30000	1077.83000	-1.58023
.950	3.960	2118.50000	1184.86000	748.95800	933.64100	.03426	2054.56000	1419.13000	1845.60001	1172.64000	-1.22153
.950	5.989	2118.70001	1184.95000	749.03600	933.74200	.03247	2084.89001	1432.39000	1775.25000	1266.17999	-.89614
.950	7.985	2117.79999	1185.27000	748.26900	932.52800	.08217	2104.17999	1435.99001	1702.08000	1357.10001	-.59820
.949	9.968	2117.20001	1185.17000	747.92400	932.02500	.08615	2114.39001	1438.44000	1623.32001	1444.21001	-.30787
.950	12.032	2117.50000	1184.77000	748.34500	932.72900	.07405	2117.64001	1438.92000	1532.81000	1535.89999	.00529
.950	14.000	2116.50000	1184.08000	748.06400	932.41700	.01458	2115.78000	1433.83000	1453.24001	1615.49001	.27950
.950	15.959	2117.10001	1184.57001	748.18800	932.52600	.03634	2108.67001	1430.39000	1366.42999	1694.94000	.57069
.950	18.010	2109.79999	1180.24001	745.74300	929.55300	.01165	2082.63000	1419.70000	1276.03000	1768.00999	.88208
	GRADIENT	.06612	-.04002	.06630	.10769	-.00039	25.57122	11.03596	-25.90708	50.14966	.20776

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.978	-1.951	2129.70001	1153.83000	772.87200	975.86900	.03949	1926.85001	1330.25000	2018.99001	857.23400	-2.37704
.979	.004	2126.79999	1151.14999	772.39600	975.64200	.02178	1977.91000	1344.20000	1973.92999	948.10200	-1.98460
.980	1.929	2129.00000	1151.12000	773.82900	977.87000	.04838	2026.49001	1372.67999	1915.78999	1065.72000	-1.58673
.980	3.952	2133.10001	1153.67999	775.14000	979.41300	.02860	2069.39999	1411.97000	1855.94000	1164.03000	-1.23683
.980	5.970	2131.89999	1153.20000	774.62000	978.70000	.02823	2098.00000	1421.85001	1785.84000	1257.46001	-.91679
.979	7.957	2129.39999	1152.53000	773.35700	976.87200	.02060	2115.54999	1424.97000	1707.99001	1348.73000	-.61184
.977	9.994	2128.39999	1154.14999	771.86700	974.24700	.00535	2125.88000	1427.00000	1625.95000	1439.98000	-.31366
.980	12.005	2128.39999	1151.23000	773.38600	977.16400	.06057	2129.19000	1427.06000	1540.49001	1524.00000	-.02763
.977	13.977	2132.29999	1156.21001	773.30900	976.08800	-.01122	2131.87000	1426.44000	1460.34000	1613.44000	.25731
.978	16.022	2130.39999	1154.82001	772.80400	975.57100	.03146	2121.60001	1421.50000	1376.38000	1694.05000	.54173
.978	18.021	2137.29999	1157.95000	775.62600	979.34500	-.00828	2110.10001	1420.38000	1289.03000	1779.12000	.85081
	GRADIENT	.63650	-.01990	.42035	.65539	-.00034	24.24330	13.95563	-27.87922	52.85055	.19440

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.050	-4.011	1900.30000	945.94900	730.22800	954.06400	-.04137	1663.66000	1159.83000	1833.73000	681.14200	-2.74311
1.050	-2.006	1900.20000	945.74900	730.25700	954.16200	-.03995	1718.56000	1169.64999	1795.71001	750.17700	-2.32937
1.050	-.055	1900.50000	946.24700	730.21600	953.96800	-.05610	1766.50000	1180.17000	1750.62000	833.87200	-1.92431
1.050	1.946	1899.30000	945.35800	729.88500	953.65400	-.05909	1807.47000	1200.63000	1698.07001	943.93700	-1.53954
1.050	3.967	1900.10001	946.05100	730.06100	953.76600	-.03072	1843.37000	1236.21001	1642.14999	1029.21001	-1.19803
1.050	5.950	1902.70000	947.22600	731.11400	955.19200	-.02846	1872.07001	1248.53000	1581.33000	1114.56000	-.88535
1.050	8.010	1900.39999	946.44900	730.06400	953.67100	-.04364	1888.07001	1250.50999	1510.30000	1197.16000	-.58406
1.050	9.991	1900.10001	945.75000	730.19600	954.06100	-.02923	1897.14000	1252.66000	1435.48000	1273.78000	-.29767
1.050	11.987	1900.10001	946.15100	730.01600	953.66600	-.05063	1900.24001	1253.28000	1359.60001	1356.09000	-.00646
1.050	14.029	1902.50000	946.92700	731.12600	955.28400	-.04983	1901.49001	1249.99001	1286.71001	1433.03000	.27071
1.049	15.995	1902.30000	948.13200	730.46300	953.89800	-.05507	1894.80000	1245.41000	1209.47000	1500.88000	.54202
1.050	17.990	1903.10001	947.12100	731.40300	955.69100	-.04488	1880.25000	1240.67999	1133.27000	1575.57001	.84692
	GRADIENT	-.06521	-.00941	-.03540	-.05535	.00013	22.51125	9.24055	-24.15452	44.70015	.19484

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.101	-1.969	1903.10001	890.06900	755.44700	1010.92000	.03297	1722.33000	1152.96001	1795.10001	754.50300	-2.32523
1.099	.055	1897.60001	889.62200	752.42500	1005.99000	-.02458	1766.53000	1160.82001	1746.19000	824.36300	-1.91548
1.099	2.012	1901.89999	892.38000	753.83600	1007.56000	-.02394	1811.08000	1184.24001	1698.85001	930.87600	-1.54766
1.101	4.037	1903.20000	889.96800	755.54500	1011.11000	.03866	1845.71001	1217.52000	1643.72000	1017.07000	-1.21605
1.098	6.006	1901.39999	892.88500	753.34400	1006.59000	-.02105	1869.66000	1227.41000	1582.42999	1101.89000	-.91098
1.101	8.047	1911.80000	894.08500	758.92200	1015.59000	.03941	1896.50999	1233.69000	1517.60001	1186.56000	-.60804
1.098	10.017	1928.00000	904.82600	764.10200	1021.20000	-.03499	1923.24001	1249.99001	1459.55000	1280.07001	-.32431
1.102	12.052	1925.70000	899.55000	764.84700	1023.96000	.02985	1922.81000	1245.85001	1384.45000	1354.87000	-.05348
1.099	14.010	1925.89999	902.64700	763.74200	1021.21000	-.01494	1922.28999	1242.31000	1304.13000	1433.24001	.23323
1.100	16.025	1926.50000	901.84100	764.41000	1022.56000	.03519	1916.83000	1237.91000	1236.33000	1505.09000	.49212
1.100	18.045	1928.39999	902.82300	765.12700	1023.48000	.03500	1903.95000	1233.86000	1160.39000	1578.45000	.78212
	GRADIENT	.22602	.12008	.08399	.10566	.00089	20.75563	10.86611	-25.10695	44.74476	.18499

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-3.934	1901.89999	837.06800	774.21100	1058.59000	.03267	1672.83000	1110.53999	1819.05000	673.66800	-2.66969
1.150	-1.988	1908.60001	839.90300	776.97700	1062.42000	.03226	1728.47000	1124.41000	1786.28999	745.61500	-2.23216
1.148	.000	1888.50000	832.79200	768.20500	1049.67999	.03353	1756.38000	1121.64000	1721.50999	820.57600	-1.83214
1.150	1.998	1898.39999	835.10300	772.93100	1057.02000	.03197	1804.91000	1141.16000	1676.59000	920.35200	-1.47331
1.150	4.013	1907.00000	838.22200	776.65700	1062.39999	.05268	1846.60001	1185.53000	1626.63000	1011.05000	-1.15477
1.150	6.026	1890.60001	831.77800	769.71900	1052.59000	.03196	1855.78999	1184.71001	1549.58000	1087.55000	-.85456
1.149	8.010	1895.89999	834.52500	771.73600	1055.16000	.03001	1877.00999	1193.58000	1488.41000	1166.52000	-.58345
1.149	10.080	1900.80000	836.77800	773.69800	1057.81000	.02214	1891.50000	1200.56000	1414.64999	1250.28000	-.29361
1.150	12.022	1907.39999	839.21500	776.54300	1061.89999	.02363	1900.70000	1206.13000	1349.73000	1327.10001	-.04021
1.146	14.094	1897.20000	838.30400	771.17100	1053.02000	.04003	1890.78000	1197.02000	1273.53000	1399.64000	.22741
1.147	16.036	1902.20000	840.05700	773.36000	1056.20000	.03201	1890.16000	1196.17999	1200.12000	1472.48000	.49219
1.149	18.044	1905.39999	839.33200	775.39000	1059.89000	.03111	1880.75000	1194.61000	1130.92000	1545.03000	.76586
	GRADIENT	.00630	-.12371	.04550	.11619	.00201	21.32203	8.40599	-24.88224	42.74702	.19050

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.199	-1.874	1910.00000	788.51000	793.69700	1107.88000	.06219	1734.20000	1076.03000	1761.16000	759.88700	-2.11383
1.200	.013	1915.60001	789.56300	796.37700	1112.17000	.05093	1780.71001	1080.88000	1723.14999	820.49100	-1.77378
1.199	2.024	1912.80000	789.68300	794.85600	1109.50000	.06468	1815.34000	1093.45000	1672.24001	911.45900	-1.45328
1.198	4.065	1912.70000	790.77800	794.49400	1108.50000	.06276	1847.20000	1139.46001	1618.66000	1000.15000	-1.15009
1.200	5.985	1912.60001	786.39200	795.11200	1110.37000	.05268	1871.19000	1151.39999	1557.69000	1078.64999	-.86623
1.198	8.062	1919.10001	793.91400	797.01400	1111.81000	.06082	1893.78000	1168.03000	1496.30000	1160.95000	-.59337
1.198	10.072	1916.20000	792.04500	795.99900	1110.67999	.06415	1900.19000	1172.19000	1423.50999	1236.87000	-.32744
1.198	12.020	1914.00000	791.66300	794.93600	1108.97000	.07192	1900.00999	1173.45000	1351.36000	1307.00000	-.07770
1.201	13.911	1914.70000	788.27700	796.25800	1112.39999	.05199	1899.12000	1166.87000	1287.23000	1378.08000	.16039
1.199	16.059	1911.70000	789.29300	794.38100	1108.80000	.06624	1892.44000	1165.78000	1215.83000	1452.17000	.42323
1.200	18.069	1915.60001	790.35900	796.15400	1111.52000	.06521	1885.37000	1162.85001	1144.53000	1523.21001	.68662
	GRADIENT	.25345	.34870	.03666	-.05320	.00081	18.80524	10.30153	-24.15126	40.98623	.16184

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.301	-2.099	1765.30000	636.11900	753.86900	1092.41000	.02084	1589.22000	777.78400	1605.37000	686.21600	-2.07285
1.299	-.054	1767.39999	638.78100	754.47100	1092.48000	.02245	1633.23000	804.99400	1562.67999	752.19900	-1.70346
1.300	1.992	1769.00000	638.47600	755.29100	1094.03999	.01930	1665.77000	849.46000	1517.86000	829.59300	-1.39878
1.301	3.918	1770.30000	637.97400	755.99600	1095.47000	.02128	1688.35001	894.15900	1473.92000	900.62300	-1.14412
1.299	6.013	1769.10001	639.56400	755.17000	1093.42000	.02304	1709.37000	909.96100	1417.82001	976.08300	-.86205
1.300	7.959	1771.50000	639.35400	756.36300	1095.60001	.02137	1726.34000	904.71500	1366.83000	1042.58000	-.62159
1.301	9.958	1770.50000	638.56700	756.00100	1095.25999	.02969	1733.49001	925.32500	1300.33000	1107.63000	-.36391
1.299	12.010	1768.80000	638.87300	755.13300	1093.61000	.03138	1736.63000	977.96100	1240.33000	1175.00999	-.12349
1.299	14.013	1763.50000	637.31600	752.81400	1090.10001	.03011	1729.16000	1028.77000	1174.75999	1238.78999	.12258
1.300	15.979	1767.50000	638.18700	754.61200	1092.95000	.02479	1729.12000	985.40700	1114.06000	1303.21001	.36340
1.298	18.014	1768.89999	639.96100	755.01100	1092.99001	.02671	1719.34000	987.13400	1051.46001	1366.53999	.61740
	GRADIENT	.82698	.26556	.35820	.53278	-.00009	16.44533	19.56024	-21.84774	35.84834	.15394

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ORIGINAL PAGE IS OF POOR QUALITY

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.401	-1.978	1747.00000	548.53900	753.20800	1125.17000	-.03899	1552.95000	650.08400	1541.09000	676.79500	-1.94655
1.401	.046	1743.10001	547.17300	751.52900	1122.73000	-.04466	1577.84000	669.51800	1497.33000	733.74600	-1.65171
1.399	1.976	1748.39999	550.31000	753.78400	1125.49001	-.04320	1611.27000	698.38100	1464.87000	801.84700	-1.38733
1.398	3.877	1742.39999	549.24900	751.17900	1121.27000	-.04274	1632.83000	732.89200	1417.73000	866.22700	-1.12359
1.400	5.875	1749.10001	549.41800	754.10900	1126.42999	-.04540	1660.88000	743.04100	1371.25000	940.70800	-.85274
1.399	7.959	1742.89999	548.45700	751.41500	1122.00999	-.04244	1670.75999	746.58200	1315.36000	1009.22000	-.60208
1.401	9.928	1740.80000	546.59000	750.53400	1121.17999	-.04313	1666.64000	754.27000	1251.22000	1065.80000	-.36489
1.399	11.970	1746.50000	549.33100	752.97300	1124.44000	-.03625	1682.00999	760.24200	1199.99001	1129.32001	-.13658
1.400	13.987	1746.80000	548.83600	753.11400	1124.89000	-.03894	1683.67999	764.35500	1142.64999	1187.66000	.08681
1.401	15.964	1742.60001	546.68100	751.31900	1122.55000	-.04001	1677.39000	765.25500	1084.69000	1246.25999	.31563
1.398	17.979	1745.80000	549.82700	752.65600	1123.67000	-.03897	1671.42999	766.50900	1026.28999	1305.98000	.55352
	GRADIENT	-.43598	.26811	-.19650	-.45764	-.00051	14.00452	14.19389	-20.64064	32.61898	.14021

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.550	-3.908	1604.20000	406.14000	683.23800	1058.66000	-.12939	1331.81000	516.55000	1367.97000	543.40500	-2.19042
1.550	-1.938	1599.70000	405.07000	681.33500	1055.67999	-.13664	1362.85001	523.42200	1333.59000	594.42900	-1.84016
1.549	.101	1599.50000	405.46800	681.34000	1055.52000	-.13415	1396.09000	546.93300	1304.82001	648.67400	-1.55475
1.549	2.006	1601.70000	405.95300	682.26300	1056.98000	-.13436	1422.94000	562.28000	1275.50000	703.58900	-1.31117
1.551	4.041	1601.89999	405.25900	682.19800	1057.16000	-.13181	1444.77000	587.98200	1235.47000	766.01100	-1.05386
1.550	6.042	1600.00000	405.46500	681.52700	1055.86000	-.13033	1460.53000	609.24500	1192.88000	825.46900	-.81294
1.550	8.071	1597.60001	404.78200	680.49000	1054.28000	-.12786	1469.95000	627.92600	1146.58000	878.80900	-.58534
1.550	10.068	1601.10001	405.56000	681.95900	1056.60001	-.12125	1480.87000	634.87000	1097.25000	931.56800	-.35545
1.550	12.078	1602.20000	405.85200	682.43000	1057.33000	-.11810	1483.99001	641.67900	1053.03000	982.57500	-.15059
1.549	14.111	1599.50000	405.46800	681.34000	1055.52000	-.12056	1483.38000	643.25300	1003.80000	1038.42000	.07464
1.550	16.076	1600.20000	405.16700	681.54200	1056.02000	-.12176	1485.23000	644.12400	949.25600	1094.42999	.31390
	GRADIENT	-.13246	-.04468	-.05867	-.08662	-.00013	14.41380	9.16393	-16.28478	27.93895	.14123

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.199	-1.834	3676.39999	3575.89001	99.51940	100.50300	1.95535	3643 07001	3573.04999	3670.17001	3511.60001	-3.03833
.201	.185	3677.39999	3575.29999	101.07900	102.09200	2.04675	3654.89001	3580.10999	3660.07999	3529.70999	-2.17280
.201	2.159	3677.89999	3576.17001	100.71500	101.72800	2.06043	3662.97000	3583.98999	3654.44000	3539.95999	-1.74074
.200	4.155	3677.29999	3575.75000	100.53800	101.54600	2.01016	3668.79001	3585.82999	3646.63000	3549.53000	-1.37323
.200	6.093	3677.39999	3576.19000	100.20500	101.20400	1.97849	3673.35999	3586.41000	3636.89999	3560.23999	-1.02505
.200	7.827	3675.89999	3574.98001	99.91500	100.91400	1.79194	3674.53000	3586.41000	3625.66000	3570.44000	-.72208
.200	9.847	3670.89999	3570.16000	99.74120	100.73000	1.70553	3670.39001	3582.25000	3607.67999	3578.85999	-.37362
.200	11.799	3676.70001	3575.91000	99.78960	100.78300	1.82293	3676.41000	3587.97000	3601.35999	3596.79001	-.05907
.200	13.699	3677.29999	3576.54001	99.75810	100.75000	1.80752	3676.35999	3587.62000	3538.26001	3609.09000	.26805
.199	15.718	3672.70001	3572.32001	99.38630	100.37900	1.83309	3669.38000	3580.95001	3569.56000	3615.75000	.60191
	GRADIENT	.16081	.02206	.13582	.13950	.00897	4.27616	2.11871	-3.82568	6.22341	.27235

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.252	-2.013	2383.79999	2280.82001	101.36000	102.97200	1.92393	2349.48999	2279.50000	2374.73001	2216.14999	-2.93385
.252	.002	2384.79999	2281.82001	101.36100	102.97800	2.04735	2361.01001	2285.91000	2370.10999	2233.78000	-2.30799
.252	1.995	2385.39999	2282.10999	101.66400	103.28900	2.07041	2369.76001	2291.10999	2363.48999	2247.78000	-1.80463
.252	3.987	2385.89999	2283.03000	101.26000	102.87300	2.07997	2376.89001	2293.54999	2355.32001	2258.64999	-1.38285
.251	6.020	2386.00000	2284.07001	100.35000	101.92900	2.10500	2382.04001	2294.76999	2345.51001	2271.48999	-1.00663
.250	7.934	2387.89999	2285.97000	100.35100	101.92900	2.00625	2386.67001	2297.10999	2337.47000	2284.63000	-.69878
.250	9.843	2386.50000	2284.98001	99.94540	101.51500	1.69448	2386.20999	2298.37000	2322.20999	2297.26999	-.32612
.251	11.909	2383.50000	2281.45999	100.44900	102.03300	1.88358	.00000	2294.22000	2307.04001	2305.51001	.06187
251	13.898	2386.29999	2283.84000	100.85600	102.45500	1.92431	2385.51001	2294.48999	2296.91000	2319.54001	.29286
.252	15.921	2390.00000	2287.01999	101.36400	102.97500	1.93182	2386.60999	2295.79001	2282.17001	2335.34000	.68290
	GRADIENT	.34530	.34624	.00021	.00076	.02461	4.55063	2.36949	-3.24276	7.07979	.25798

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.400	-1.936	1851.50000	1657.78000	186.13400	193.71200	2.04605	1792.49001	1657.86000	1835.37000	1538.36000	-2.81181
.401	.022	1850.60001	1656.50000	185.47700	194.09500	2.05671	1809.27000	1664.41000	1822.83000	1567.35001	-2.23758
.401	2.016	1850.50000	1656.34000	186.53300	194.15500	2.04142	1823.81000	1673.20000	1809.56000	1592.37000	-1.76803
.401	4.002	1850.20000	1655.83000	186.72900	194.36900	2.04299	1835.05000	1677.00999	1792.62000	1610.69000	-1.36383
.402	5.965	1850.30000	1655.70000	186.93700	194.59300	2.05162	1843.00999	1677.50999	1774.67999	1630.07001	-1.02828
.400	7.900	1850.10001	1656.61000	185.91800	193.48500	1.94379	1847.94000	1679.05000	1754.97000	1653.03999	-.70818
.399	9.957	1849.70000	1657.13000	185.06700	192.56400	1.83495	1849.34000	1682.84000	1731.81000	1678.41000	-.37026
.399	11.838	1848.80000	1656.31000	184.99500	192.48700	1.83907	1848.94000	1683.05000	1708.67999	1699.81000	-.06133
.398	13.838	1849.00000	1657.97000	183.74100	191.12400	1.85170	1847.63000	1680.82001	1685.35001	1722.53000	.25879
.398	15.862	1848.89999	1658.53999	183.49500	190.86200	1.87664	1843.71001	1676.83000	1659.31000	1744.52000	.60095
	GRADIENT	-.20163	-.30299	.09285	.10243	-.00124	7.17872	3.34425	-7.14647	12.21541	.24296

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.600	-1.926	2118.20001	1660.70000	418.47100	457.49300	1.95809	1990.00999	1668.69000	2076.07999	1388.63000	-2.66806
.600	.080	2116.29999	1658.91000	418.34200	457.38900	1.95860	2028.64999	1681.31000	2049.42999	1466.86000	-2.15357
.601	2.085	2116.89999	1658.59000	419.10700	458.30300	1.96682	2059.98001	1700.83000	2016.92000	1518.13000	-1.70553
.601	4.085	2118.20001	1658.77000	420.05400	459.42600	1.97066	2085.73999	1713.42999	1979.09000	1566.42000	-1.31848
.601	7.998	2117.39999	1658.38000	419.70200	459.01400	1.95717	2112.64001	1721.67999	1895.25999	1659.17000	-.70387
.601	10.061	2116.60001	1658.39999	419.01600	458.20300	1.89968	2116.53000	1724.28000	1842.75000	1720.52000	-.36496
.601	11.884	2117.10001	1659.10001	418.86200	458.00100	1.93373	2117.23999	1724.17999	1793.96001	1769.10001	-.07404
.601	13.886	2117.29999	1659.19000	418.95000	458.10100	1.98200	2115.28000	1720.17999	1740.67000	1822.35001	.24473
.600	15.897	2117.50000	1660.31000	418.20500	457.18700	2.01520	2107.10999	1713.20000	1683.85001	1872.78999	.57466
.598	17.853	2117.20001	1662.03999	416.52900	455.15100	2.00446	2091.51999	1707.39999	1627.42000	1917.97000	.91133
	GRADIENT	.02974	-.30507	.27514	.33497	.00229	15.89815	7.67334	-16.14400	29.18102	.22444

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.698	-1.959	2116.00000	1527.86000	521.44700	588.13600	2.00075	1961.92000	1545.00000	2063.39999	1190.45000	-2.60586
.700	.082	2120.10001	1528.19000	524.44600	591.91300	1.98223	2013.77000	1564.86000	2032.24001	1283.56000	-2.10382
.700	2.041	2117.10001	1526.11000	523.63600	590.98300	2.00788	2048.50000	1587.06000	1990.81000	1356.13000	-1.69235
.701	4.095	2119.10001	1526.08000	525.24700	593.02100	1.99505	2079.64001	1604.64999	1943.25999	1419.85001	-1.31483
.701	6.090	2116.60001	1524.39999	524.53400	592.19600	2.02958	2098.64001	1608.14000	1892.07001	1478.85001	-1.00011
.702	7.969	2118.60001	1524.97000	525.68500	593.62900	1.97410	2112.39999	1612.12000	1841.88000	1543.64999	-.71071
.702	10.040	2121.89999	1527.53999	526.35400	594.35300	1.87970	2121.67999	1617.46001	1780.94000	1617.75999	-.38638
.700	11.880	2117.00000	1526.32001	523.40200	590.67600	1.90655	2117.57999	1616.45000	1718.91000	1677.61000	-.09850
.700	13.862	2118.70001	1527.39999	523.93000	591.29500	1.93882	2116.54001	1613.00999	1651.50000	1746.23000	.22679
.700	15.860	2119.39999	1527.69000	524.26500	591.70300	1.95279	2108.35999	1610.42999	1579.19000	1809.30000	.55565
.700	17.910	2117.89999	1527.52000	523.20900	590.38000	1.97817	2087.95999	1599.20000	1506.16000	1868.21001	.90339
	GRADIENT	.31801	-.36686	.52876	.68512	.00039	19.27894	9.99290	-19.97108	37.80724	.21293

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.800	-3.939	2117.70001	1389.10001	622.49700	728.59700	2.03094	1885.39000	1416.46001	2077.82001	998.57200	-3.10854
.800	-2.045	2112.10001	1386.25999	620.28200	725.84000	2.07342	1937.74001	1424.53000	2044.02000	1010.90000	-2.51810
.800	.000	2115.89999	1388.22000	621.76300	727.67900	2.05554	1993.94000	1448.69000	2006.47000	1117.98000	-2.05807
.799	1.978	2117.00000	1389.71001	621.55800	727.28000	2.05768	2036.63000	1480.17000	1961.95000	1217.16000	-1.66590
.800	3.989	2114.70001	1387.53000	621.34300	727.16900	2.08144	2068.06000	1501.23000	1905.72000	1290.09000	-1.30913
.800	6.006	2117.10001	1388.89999	622.18300	728.19100	2.10920	2094.89999	1508.25999	1849.21001	1368.28000	-.98925
.800	7.947	2116.60001	1388.81000	621.87600	727.78400	2.06394	2108.95999	1511.09000	1796.17000	1442.10001	-.72284
.800	10.017	2118.50000	1390.19000	622.34200	728.30300	1.85387	2117.48999	1517.89999	1722.14999	1528.91000	-.39280
.800	11.941	2120.10001	1391.17999	622.85600	728.91900	1.88748	2120.03000	1518.09000	1651.19000	1605.91000	-.09213
.800	13.904	2119.00000	1390.28999	622.64800	728.70900	1.91571	2117.20001	1513.75999	1566.00999	1679.34000	.22918
.800	15.895	2119.00000	1389.98000	622.85500	729.01300	1.91011	2106.82001	1511.12000	1483.59000	1755.61000	.55830
.798	17.981	2114.29999	1389.56000	619.66500	724.73700	1.94270	2081.64999	1502.28000	1407.46001	1822.20000	.88845
.798	18.963	2118.60001	1392.11000	621.10800	726.48500	1.95260	2071.75000	1499.39000	1357.77000	1857.39999	1.07641
	GRADIENT	-.04898	.01863	-.04928	-.06792	.00425	23.34142	11.34377	-21.45527	39.82218	.22370

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.849	-3.974	2106.89999	1314.78999	663.68200	792.10900	2.05947	1871.56000	1361.25999	2062.47000	927.49500	-3.01392
.850	-2.002	2121.79999	1322.92999	669.11200	798.86000	2.09662	1943.98000	1381.85001	2044.62000	953.62900	-2.45247
.851	-.034	2115.10001	1317.89000	667.55300	797.20700	2.11406	1989.32001	1396.42000	1995.87000	1046.96001	-2.02799
.851	1.965	2120.89999	1321.03000	669.68600	799.86700	2.12168	2038.66000	1434.72000	1951.53000	1162.30000	-1.63828
.850	3.993	2117.39999	1320.78000	667.34700	796.61500	2.08435	2069.10999	1458.56000	1893.10001	1243.49001	-1.29711
.850	5.964	2117.10001	1319.47000	667.96800	797.62300	2.14451	2094.39001	1463.25999	1834.96001	1322.69000	-.99361
.849	7.944	2116.89999	1320.69000	667.04900	796.20700	2.06393	2109.04001	1467.09000	1778.47000	1402.00000	-.72564
.849	10.033	2117.50000	1321.28000	667.09600	796.21500	1.84843	2116.42001	1473.32001	1697.17000	1492.91000	-.39177
.850	11.921	2116.10001	1319.19000	667.43800	796.91200	1.83561	2115.95999	1470.34000	1622.24001	1572.09000	-.09667
.850	13.923	2114.29999	1318.61000	666.52200	795.68800	1.91607	2111.78000	1465.78999	1533.03999	1650.00999	.22483
.850	15.908	2114.39999	1318.71001	666.53000	795.68600	1.90609	2101.92999	1464.42999	1449.95000	1728.11000	.54232
.849	17.942	2118.00000	1321.67999	667.20000	796.31700	1.92925	2084.92001	1460.92000	1365.21001	1803.42999	.87541
	GRADIENT	1.00540	.50548	.39454	.49987	.00372	24.59202	12.44329	-21.71727	42.26928	.21334

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.900	-3.941	2114.50000	1249.58000	709.25200	864.91300	2.05678	1875.92000	1325.87000	2064.95999	871.36100	-2.92723
.900	-2.084	2117.10001	1251.46001	709.92200	865.63500	2.07112	1934.30000	1336.75999	2035.09000	900.75100	-2.43220
.900	-.046	2116.10001	1251.37000	709.28600	864.72400	2.11651	1987.22000	1353.78000	1990.03999	990.92300	-2.01137
.900	1.976	2116.39999	1251.17000	709.61500	865.22700	2.08994	2032.28000	1392.12000	1938.41000	1117.61000	-1.62770
.900	3.982	2115.10001	1250.78000	708.95000	864.31100	2.10629	2065.73001	1419.66000	1878.80000	1201.64999	-1.28859
.899	5.913	2110.39999	1249.14000	706.69900	861.25800	2.16409	2086.25000	1421.61000	1818.97000	1282.50000	-1.00178
.900	7.882	2114.60001	1250.89000	708.54200	863.70500	2.02661	2106.17001	1428.67999	1761.99001	1365.35001	-.73116
.900	10.011	2116.29999	1251.27000	709.48500	865.02400	1.84314	2115.22000	1434.35001	1680.28000	1461.03000	-.40262
.900	11.896	2116.50000	1251.77000	709.32400	864.72500	1.82934	2116.42999	1434.55000	1597.14999	1544.84000	-.09591
.900	13.993	2116.89999	1251.25999	709.90300	865.63100	1.90688	2114.51999	1429.37000	1509.13000	1631.87000	.22562
.900	15.923	2117.10001	1252.27000	709.44200	864.83100	1.87786	2104.98999	1428.47000	1429.09000	1708.99001	.52223
.900	17.912	2116.79999	1251.67000	709.59300	865.12700	1.87469	2084.94000	1423.85001	1337.73000	1781.71001	.84532
	GRADIENT	.02028	.10261	-.04707	-.08243	.00589	23.96220	12.23478	-23.59410	44.19213	.20482

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.950	-4.053	2118.79999	1185.14999	748.99200	933.64200	2.03607	1875.17000	1298.75000	2072.37000	819.27200	-2.91860
.949	-1.984	2114.39999	1183.60001	746.93800	930.79400	2.10660	1932.47000	1306.37000	2027.55000	866.07600	-2.39155
.949	-.008	2112.79999	1182.82001	746.31100	929.98000	2.07007	1981.83000	1319.17000	1980.94000	948.95000	-1.99655
.951	2.023	2118.20001	1184.05000	749.19900	934.14100	2.04860	2032.21001	1360.33000	1934.48000	1082.89999	-1.62665
.950	3.944	2119.39999	1185.75000	749.06200	933.65000	2.10564	2067.57001	1391.21001	1876.53999	1167.28000	-1.29981
.950	6.031	2117.20001	1183.97000	748.58700	933.22800	2.08938	2092.84000	1394.89999	1814.88000	1258.63000	-1.00030
.950	7.948	2114.20001	1182.50000	747.41100	931.70000	1.99201	2105.19000	1398.30000	1748.55000	1340.96001	-.72727
.951	9.957	2115.10001	1181.88000	748.34300	933.21700	1.96853	2113.73001	1401.28000	1672.32001	1432.60001	-.42709
.950	11.951	2121.50000	1187.33000	749.58100	934.16400	1.82302	2121.35999	1408.10001	1584.25000	1528.45000	-.09876
.949	13.889	2114.20001	1183.50000	746.85900	930.69300	1.89959	2111.89001	1397.69000	1496.72000	1606.49001	.19592
.950	15.961	2114.29999	1182.60001	747.42300	931.69900	1.95515	2102.12000	1394.23000	1407.44000	1688.25000	.50664
.950	17.916	2119.20001	1185.25000	749.20400	933.95100	1.94772	2087.26999	1394.59000	1323.27000	1769.85001	.82593
	GRADIENT	.24421	.07916	.11806	.16569	.00406	24.24546	11.91802	-24.22024	45.59891	.20029

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BPEF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.976	-2.013	2125.70001	1154.99001	769.68300	970.70800	1.94347	1946.95000	1293.57001	2038.67999	851.50200	-2.36556
.979	.038	2132.50000	1154.30000	774.43600	978.19800	2.03645	2003.81000	1313.66000	1991.61000	949.68800	-1.95424
.979	1.975	2137.39999	1157.35001	776.00600	980.04900	2.07030	2050.69000	1357.49001	1946.95000	1070.23000	-1.61726
.979	3.999	2132.39999	1154.39999	774.31800	977.99800	2.05086	2081.26001	1382.89999	1891.00000	1162.46001	-1.31381
.981	6.014	2133.29999	1152.38000	775.94900	980.92200	2.10355	2108.92001	1385.95000	1821.57001	1253.66000	-.99406
.980	7.954	2129.29999	1151.32001	773.92000	977.97900	2.02127	2120.64001	1391.69000	1757.14999	1332.62001	-.73712
.980	9.914	2126.60001	1150.14999	772.78900	976.44700	1.92413	2125.45001	1391.36000	1675.12000	1422.14999	-.43856
.982	12.005	2123.29999	1145.37000	773.14500	977.93100	1.93101	2123.01001	1387.35001	1581.49001	1509.81000	-.12416
.980	13.912	2121.10001	1147.00000	770.87900	974.09100	1.93635	2119.07999	1384.41000	1499.02000	1594.23000	.16631
.980	15.939	2121.89999	1147.60001	771.08700	974.30300	1.94520	2111.22000	1382.84000	1422.47000	1679.48000	.45875
.979	17.970	2126.79999	1150.95000	772.50000	975.84700	1.96969	2095.85001	1379.89999	1324.72000	1762.56000	.79287
	GRADIENT	1.25162	.05992	.77693	1.19175	.01787	22.52417	15.58688	-24.41882	52.71191	.17488

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.049	-4.003	1902.20000	947.63200	730.62700	954.29000	1.89573	1685.09000	1129.78999	1850.34000	687.14700	-2.79378
1.050	-1.958	1898.80000	945.46400	729.53400	953.05500	1.95303	1737.20000	1136.81000	1810.75999	748.34500	-2.32147
1.050	-.003	1899.00000	945.66200	729.56700	953.05800	2.00471	1782.30000	1143.66000	1770.55000	826.32300	-1.95141
1.050	2.027	1901.20000	946.94100	730.33000	953.98100	2.00477	1823.57001	1177.95000	1722.78999	941.73200	-1.58976
1.050	4.028	1900.89999	946.24300	730.46100	954.37100	2.01448	1854.55000	1210.08000	1666.56000	1026.77000	-1.25970
1.050	6.044	1899.10001	945.66100	729.62800	953.15600	2.08477	1876.39000	1211.24001	1613.66000	1102.96001	-.98574
1.050	8.002	1901.00000	945.94100	730.65700	954.76800	2.01184	1892.64000	1219.00000	1557 13000	1178.75000	-.72113
1.050	10.020	1902.50000	947.42800	730.90100	954.79200	2.03389	1900.91000	1222.11000	1485.16000	1266.02000	-.41714
1.050	11.946	1900.10001	946.35200	729.92600	953.47000	1.93586	1899.52000	1221.59000	1403.24001	1340.53999	-.11883
1.049	13.924	1898.20000	945.77100	729.03100	952.15800	1.96242	1896.17999	1215.00000	1323.33000	1419.87000	.18404
1.050	15.950	1898.60001	945.76700	729.27700	952.55500	1.99986	1888.28999	1210.24001	1245.75000	1493.28999	.47718
1.051	17.949	1902.10001	946.43000	731.10500	955.37700	2.00207	1875.00000	1209.99001	1169.74001	1567.23000	.78475
	GRADIENT	-.01085	-.06550	.02289	.05400	.01442	21.21626	10.06660	-22.72399	43.52849	.18958

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.098	-1.979	1925.60001	904.14900	762.97200	1019.50000	1.93984	1762.00000	1132.08000	1833.61000	759.02900	-2.30756
1.101	.040	1924.60001	900.46000	763.85000	1022.02000	2.03548	1806.87000	1141.78999	1792.09000	828.62500	-1.94043
1.101	2.035	1922.30000	899.28200	762.97700	1020.90000	2.06642	1841.87000	1179.14999	1743.77000	930.05400	-1.61146
1.099	4.029	1931.70000	906.39000	765.63600	1023.32000	2.01599	1880.63000	1204.30000	1694.56000	1023.91000	-1.28628
1.099	6.084	1923.50000	901.87000	762.65300	1019.62000	2.04144	1896.02000	1207.20000	1623.62000	1102.98000	-.97732
1.097	7.996	1926.50000	905.24000	763.06300	1019.34000	1.99455	1899.88000	1215.92999	1570.17999	1178.09000	-.74576
1.098	10.037	1924.80000	903.55700	762.74100	1019.28000	2.03451	1915.06000	1213.59000	1492.39999	1262.14999	-.42815
1.102	11.854	1924.60001	899.56000	764.20400	1022.87000	1.86207	1914.14000	1212.11000	1417.73000	1338.61000	-.14762
1.098	13.940	1922.80000	902.87600	761.84600	1017.97000	1.97139	1912.41000	1210.50999	1342.58000	1416.92999	.13959
1.101	15.878	1924.50000	900.56100	763.75200	1021.83000	1.91212	1910.58000	1206.03999	1265.50000	1496.81000	.43690
1.100	17.905	1925.60001	901.85000	763.88300	1021.68000	1.93313	1897.03000	1201.58000	1189.64999	1569.14999	.73316
1.100	19.879	1924.30000	901.36300	763.31900	1020.88000	.30789	1879.28999	1227.97000	1081.30000	1632.82001	1.05609
	GRADIENT	.79683	.27409	.35536	.51691	.01300	19.52720	12.68130	-23.24723	44.74867	.16948

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-3.944	1899.30000	836.29200	773.02800	1056.82001	2.00688	1692.50000	1072.50999	1830.78000	674.30900	-2.62861
1.149	-1.937	1896.20000	834.62300	771.87000	1055.36000	2.01399	1738.27000	1077.98000	1791.25999	729.54200	-2.22178
1.150	.036	1901.89999	836.76900	774.31300	1058.86000	2.02871	1786.42999	1086.91000	1753.05000	808.48200	-1.86800
1.150	2.026	1910.00000	839.79200	777.79400	1063.85001	2.06033	1830.42000	1117.07001	1709.48000	914.02000	-1.53364
1.150	4.020	1895.10001	833.83400	771.52500	1055.02000	2.04605	1845.87000	1146.28999	1642.00999	996.98900	-1.22540
1.149	6.066	1902.80000	837.55900	774.54600	1059.00999	2.04735	1875.91000	1159.60001	1590.05000	1081.17000	-.94185
1.150	7.932	1896.89999	834.31800	772.36200	1056.30000	1.98545	1883.35001	1165.81000	1527.76999	1149.37000	-.69456
1.149	9.882	1899.50000	836.09100	773.20800	1057.19000	1.89758	1891.42999	1172.73000	1459.53999	1229.75000	-.42027
1.149	11.917	1901.60001	836.97000	774.07800	1058.39999	1.87358	1895.39999	1176.89001	1375.95000	1312.44000	-.11523
1.148	13.894	1906.30000	840.42100	775.52100	1059.78000	1.90700	1898.73000	1174.78999	1308.78999	1396.42999	.16047
1.150	15.889	1900.50000	836.38100	773.66500	1057.87000	1.91221	1886.00999	1169.08000	1227.33000	1463.22000	.43624
1.150	17.908	1906.30000	838.52700	776.16500	1061.46001	1.93465	1877.47000	1169.60001	1158.00000	1538.37000	.71866
	GRADIENT	.26914	.01174	.14573	.24448	.00627	20.05354	9.38376	-23.09478	41.71767	.17570

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.197	-1.990	1916.20000	793.13900	795.68900	1109.78000	2.04311	1756.13000	1034.45000	1792.00999	735.98600	-2.14583
1.199	.070	1915.70000	790.95500	796.04000	1111.12000	2.04395	1797.17999	1038.09000	1746.16000	803.70000	-1.80460
1.198	2.066	1914.60001	791.16200	795.39700	1109.92999	2.05053	1830.34000	1070.44000	1697.08000	896.58400	-1.50043
1.198	4.019	1914.50000	791.36100	795.28700	1109.67999	2.06599	1859.53000	1105.46001	1646.49001	984.40500	-1.21689
1.198	6.032	1913.60001	790.97000	794.91900	1109.17000	2.08807	1879.48000	1120.05000	1586.44000	1063.20000	-.94337
1.201	7.929	1917.50000	789.35100	797.44500	1114.09000	2.02582	1895.28000	1134.67000	1529.30000	1135.31000	-.69984
1.197	10.006	1916.30000	792.84000	795.82700	1110.11000	1.81744	1899.92000	1153.88000	1460.62000	1219.00000	-.43137
1.197	11.894	1915.60001	793.44200	795.28400	1108.97000	1.85774	1899.14999	1155.57001	1388.60001	1292.36000	-.17227
1.202	13.907	1917.10001	788.26000	797.53600	1114.62000	1.90837	1900.28999	1141.50000	1309.49001	1369.64999	.10730
1.199	15.883	1915.10001	790.86000	795.74800	1110.64000	1.90826	1893.17000	1134.14999	1245.96001	1444.96001	.36335
1.198	17.907	1915.89999	792.64400	795.67000	1109.91000	1.90941	1881.20000	1135.45000	1172.98000	1513.75999	.63362
	GRADIENT	-.31003	-.25933	-.09162	-.07208	.00374	17.16108	12.20904	-24.24297	41.82220	.15442

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	-1.965	1769.70000	638.37300	755.64500	1094.70000	1.97817	1608.55000	715.27700	1620.42000	675.45800	-2.05154
1.298	.020	1772.50000	641.03100	756.58400	1095.37000	2.02979	1650.09000	724.82500	1583.78000	734.99500	-1.72977
1.299	1.979	1767.60001	638.58200	754.59800	1092.78000	2.06454	1675.84000	747.41200	1534.82001	807.83700	-1.44095
1.299	4.006	1776.20000	641.70500	758.26700	1098.08000	2.04174	1707.96001	781.03300	1491.34000	892.01400	-1.16084
1.301	6.040	1770.10001	638.37100	755.83800	1095.05000	2.10263	1718.02000	787.22000	1428.72000	963.87300	-.89098
1.299	7.952	1767.80000	639.07600	754.61800	1092.63000	2.02213	1729.57001	799.38300	1380.78999	1030.87000	-.66813
1.299	9.998	1774.30000	641.12100	757.44000	1096.84000	2.00536	1737.87000	817.19800	1316.11000	1103.20000	-.40307
1.301	11.905	1768.50000	637.38900	755.21800	1094.32001	1.88984	1735.32001	828.60800	1253.53000	1165.39999	-.16759
1.301	13.902	1773.60001	639.64000	757.33200	1097.20000	1.92981	1738.17999	850.51600	1193.80000	1233.08000	.07486
1.300	15.964	1766.70000	637.99300	754.25500	1092.39000	1.95750	1727.24001	867.12600	1127.25999	1297.21001	.33000
1.299	17.930	1774.50000	641.61500	757.46000	1096.69000	1.96522	1723.14000	878.97200	1066.56000	1362.62000	.58216
	GRADIENT	.74268	.38247	.29933	.38498	.01129	16.30159	11.07487	-21.94760	36.36700	.14897

ORIGINAL PAGE IS OF POOR QUALITY

OA232 AEDC 16T TF431 LA .2P/S RA .2A (CVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.399	-3.951	1744.30000	549.24100	752.01100	1122.75999	1.92708	1516.78000	611.06400	1572.48000	600.46700	-2.25885
1.399	-2.062	1747.80000	549.72000	753.53400	1125.28000	1.98129	1556.50000	623.09800	1564.12000	646.84400	-2.03380
1.399	-.026	1740.89999	547.57700	750.55800	1120.83000	1.97470	1586.53000	645.91200	1518.03999	708.37500	-1.71062
1.399	2.010	1746.80000	549.72400	753.09600	1124.50000	1.98051	1620.20000	690.06800	1483.50000	783.57200	-1.43822
1.401	4.008	1749.60001	549.21900	754.33100	1126.91000	2.00170	1644.92999	722.72800	1441.08000	860.65000	-1.17479
1.400	6.040	1742.00000	547.57200	751.04000	1121.69000	2.10302	1661.21001	725.35300	1379.73000	924.29600	-.89441
1.400	8.038	1748.70000	549.51900	753.93200	1126.08000	2.10702	1659.17999	731.67800	1333.32001	989.03200	-.69133
1.400	10.115	1743.10001	547.96200	751.51300	1122.38000	1.94794	1678.32001	737.35900	1266.66000	1053.16000	-.41184
1.401	11.977	1746.39999	548.34400	752.94900	1124.78999	1.97140	1674.84000	743.52700	1210.66000	1115.36000	-.18618
1.399	13.972	1746.20000	549.33200	752.84200	1124.20000	2.00552	1669.45000	747.33800	1150.49001	1174.28000	.04692
1.400	15.995	1744.80000	547.95500	752.25700	1123.71001	2.01067	1664.44000	750.04700	1091.39000	1235.89999	.28856
1.399	18.010	1743.50000	548.55300	751.67600	1122.42999	2.02016	1665.30000	747.04200	1028.45000	1291.77000	.52122
	GRADIENT	.47970	-.00163	.20996	.37561	.00737	15.99412	14.55269	-17.21525	32.90095	.13830

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.550	-3.884	1599.89999	405.16800	681.43000	1055.82001	1.77379	1336.09000	493.60900	1382.74001	537.16100	-2.24809
1.550	-1.889	1600.80000	405.26300	681.78700	1056.42000	1.84667	1368.85001	499.85300	1353.02000	582.35100	-1.92111
1.550	.100	1601.10001	405.26200	681.89900	1056.62000	1.85984	1402.52000	521.79400	1326.23000	633.42200	-1.63902
1.550	2.143	1599.70000	405.26800	681.37500	1055.67000	1.86100	1426.35001	554.48600	1290.78999	691.00300	-1.37739
1.550	4.161	1599.89999	405.26800	681.45000	1055.81000	1.87869	1444.14000	561.65300	1251.89000	753.20800	-1.12930
1.550	6.194	1602.89999	406.04700	682.73200	1057.78999	1.95135	1466.24001	588.19700	1215.09000	808.92400	-.89419
1.550	8.107	1598.60001	404.67800	680.84400	1054.97000	2.01912	1470.00999	600.62000	1174.36000	859.50000	-.69494
1.550	10.075	1601.60001	405.75500	682.18600	1056.92999	1.93643	1481.88000	609.98400	1122.08000	915.64800	-.44586
1.549	11.895	1597.39999	405.18000	680.49500	1054.12000	1.99044	1478.03999	612.60200	1069.19000	965.24400	-.22557
1.550	13.923	1602.50000	405.85100	682.54200	1057.53000	2.04652	1482.85001	616.66600	1020.84000	1023.92000	.00671
1.549	15.882	1601.50000	406.15200	682.22800	1056.83000	2.09257	1480.84000	625.89300	971.21800	1078.88000	.23621
1.549	17.875	1597.20000	404.88300	680.36000	1054.00999	2.09671	1465.28999	624.00400	909.62700	1126.64999	.48534
	GRADIENT	-.05553	.01016	-.01882	-.03885	.01111	13.59007	9.48[illegible]	-16.10394	26.88133	.13819

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (CVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.700	-1.945	2117.50000	1526.71001	523.49900	590.78400	-.21587	1941.63000	1568.77000	2043.92999	1179.17999	-2.61982
.701	.002	2117.00000	1525.41000	524.09100	591.59000	-.17182	1993.00000	1592.82001	2007.83000	1277.21001	-2.08465
.702	2.035	2115.79999	1523.20000	524.80700	592.59800	-.12579	2034.07001	1599.94000	1962.84000	1337.94000	-1.62870
.702	4.113	2113.10001	1520.21001	524.92600	592.89100	-.08251	2064.34000	1619.14999	1910.56000	1403.24001	-1.24517
.703	6.181	2116.29999	1522.28000	525.89700	594.01900	-.03740	2092.57001	1629.47000	1855.17999	1475.30000	-.88895
	GRADIENT	-.71588	-1.07684	.24656	.36190	.02207	20.21264	8.33334	-22.04817	36.20613	.22636

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.200	-1.708	3673.29999	3572.54001	99.76070	100.75000	.10331	.00000	.00000	3658.98001	3509.73001	-2.79481
.200	.137	3680.89999	3579.47000	100.42200	101.43000	.10451	.00000	.00000	3659.88000	3528.14001	-2.15555
.200	2.134	3674.50000	3573.76999	99.72870	100.72300	.10608	.00000	.00000	3646.32999	3532.10999	-1.67149
.200	4.213	3674.79999	3573.69000	100.10300	101.09600	.10742	.00000	.00000	3636.09000	3543.20999	-1.23627
.200	6.138	3678.29999	3577.10001	100.19400	101.19200	.10875	.00000	.00000	3629.41000	3559.67999	-.88820
.201	8.137	3679.70001	3577.23001	101.44200	102.46500	.11107	.00000	.00000	3618.45999	3573.39001	-.55055
.201	10.165	3676.39999	3573.98001	101.39200	102.41900	.11210	.00000	.00000	3603.04999	3583.26999	-.23797
.202	12.171	3677.29999	3573.95999	102.28600	103.33200	.11333	.00000	.00000	3589.85001	3596.26999	.07611
.203	14.189	3677.89999	3573.72000	103.11700	104.17700	.11512	.00000	.00000	3575.73999	3608.54001	.38733
.203	16.176	3673.20001	3568.67999	103.44300	104.51700	.11651	.00000	.00000	3553.38000	3617.45001	.75935
	GRADIENT	-.12172	-.13811	.01557	.01537	.00070	.00000	.00000	-4.19470	5.25451	.26031

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.396	-1.917	1849.80000	1660.45000	182.10300	189.34400	.07926	.00000	.00000	1826.23000	1541.47000	-2.83300
.397	.032	1850.70000	1660.33000	183.05300	190.37200	.07939	.00000	.00000	1813.78000	1569.59000	-2.16381
.397	1.999	1850.89999	1660.55000	183.03500	190.35000	.07942	.00000	.00000	1799.21001	1589.45000	-1.66305
.397	4.009	1850.60001	1660.03999	183.22200	190.55400	.07838	.00000	.00000	1781.39999	1608.82001	-1.25687
.397	6.022	1850.60001	1659.78000	183.45800	190.81300	.07849	.00000	.00000	1761.77000	1631.50000	-.90030
.398	8.027	1850.60001	1659.47000	183.75100	191.13000	.07906	.00000	.00000	1740.17000	1655.92000	-.56490
.398	10.028	1850.20000	1658.85001	183.94700	191.34500	.07938	.00000	.00000	1717.52000	1678.42000	-.25727
.397	12.033	1850.00000	1659.23000	183.41700	190.77300	.07921	.00000	.00000	1694.36000	1702.42000	.05299
.397	14.026	1850.00000	1659.49001	183.17100	190.50400	.07911	.00000	.00000	1669.82001	1724.89000	.36320
.397	16.049	1850.60001	1659.91000	183.34500	190.69000	.08105	.00000	.00000	1641.91000	1748.83000	.71027
	GRADIENT	.13075	-.05152	.16858	.18216	-.00013	.00000	.00000	-7.55327	11.23208	.26462

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.598	-2.039	2122.89999	1667.21001	417.08200	455.68700	-.04092	.00000	.00000	2063.20999	2857.47000	-1.65019
.600	.111	2118.89999	1660.99001	418.82200	457.90300	-.04529	.00000	.00000	2027.17999	2783.47000	-1.96482
.600	2.039	2120.39999	1661.77000	419.44100	458.62700	-.04698	.00000	.00000	1994.03999	2735.92999	-2.38989
.600	3.993	2118.50000	1660.69000	418.72900	457.80200	-.04908	.00000	.00000	1954.67999	2684.98001	-3.02694
.600	6.000	2112.00000	1655.95000	417.15500	456.04600	-.04848	.00000	.00000	1905.78000	2622.31000	-4.15553
.601	8.000	2122.00000	1662.64999	420.06300	459.34600	-.04855	.00000	.00000	1865.67999	2577.22000	-6.64346
.600	10.064	2117.29999	1660.52000	417.86600	456.78200	-.04538	.00000	.00000	1812.03000	2513.32001	-15.37470
.599	12.040	2115.29999	1659.44000	417.06800	455.85400	-.04187	.00000	.00000	1756.45000	2459.47000	79.79450
.599	14.029	2117.29999	1661.02000	417.44900	456.26900	-.03714	.00000	.00000	1700.34000	2411.34000	11.83610
.599	16.077	2117.70001	1661.83000	417.12500	455.86400	-.03416	.00000	.00000	1636.07001	2358.81000	6.44925
	GRADIENT	-.59456	-.95535	.28338	.36023	-.00131	.00000	.00000	-17.90250	-28.27567	-.22664

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.700	-2.042	2113.79999	1523.64000	522.89000	590.15300	-.00816	.00000	.00000	2037.86000	1176.70000	-2.59409
.700	.148	2118.29999	1527.81000	523.30200	590.48200	-.00991	.00000	.00000	2001.64000	1281.67000	-2.01467
.702	2.066	2115.60001	1522.49001	525.18100	593.10700	-.01194	.00000	.00000	1957.64999	1336.66000	-1.60205
.701	3.979	2116.60001	1524.50000	524.45700	592.09400	-.01170	.00000	.00000	1913.39000	1405.94000	-1.24572
.701	5.966	2116.50000	1525.00999	523.99400	591.48800	-.01104	.00000	.00000	1861.80000	1472.82001	-.91838
.700	8.031	2118.39999	1526.70000	524.22400	591.69800	-.01014	.00000	.00000	1804.50000	1545.81000	-.59603
.701	10.046	2117.60001	1525.80000	524.26800	591.79400	-.00879	.00000	.00000	1742.64000	1614.80000	-.29182
.699	12.047	2120.89999	1530.30000	523.48300	590.59700	-.00423	.00000	.00000	1674.52000	1687.67999	.02981
.698	14.050	2113.10001	1525.76000	520.71700	587.31200	-.00098	.00000	.00000	1602.48000	1747.72000	.33278
.696	16.054	2119.20001	1533.17000	519.96200	586.02500	.00175	.00000	.00000	1536.61000	1816.48000	.64441
	GRADIENT	.30426	-.11834	.33014	.42300	-.00064	.00000	.00000	-20.83127	37.29104	.22367

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.798	-1.998	2116.29999	1390.42999	620.54900	725.86500	.03057	.00000	.00000	2023.07001	995.31900	-2.49523
.800	.022	2115.39999	1387.62000	621.80000	727.77900	.03419	.00000	.00000	1977.25999	1121.89999	-2.00957
.800	1.984	2115.29999	1387.92000	621.51800	727.37600	.03678	.00000	.00000	1930.44000	1203.25999	-1.60192
.800	3.965	2114.60001	1387.23000	621.47400	727.36700	.03853	.00000	.00000	1874.63000	1283.37000	-1.23809
.800	5.997	2115.00000	1387.42000	621.63700	727.57700	.04188	.00000	.00000	1813.87000	1365.88000	-.90576
.800	7.982	2115.00000	1387.73000	621.43000	727.27300	.04455	.00000	.00000	1748.67999	1444.75000	-.60092
.800	10.011	2113.89999	1386.63000	621.36000	727.26800	.04803	.00000	.00000	1673.23000	1524.24001	-.29052
.800	11.995	2116.50000	1388.71001	621.87000	727.78300	.05201	.00000	.00000	1601.84000	1604.41000	.00500
.799	13.998	2114.79999	1388.23000	620.93600	726.56200	.05841	.00000	.00000	1522.00999	1681.78999	.31220
.799	16.024	2104.20001	1381.94000	617.37100	722.25300	.06224	.00000	.00000	1427.21001	1747.89999	.63081
	GRADIENT	-.26230	-.47032	.12657	.20817	.00133	.00000	.00000	-24.78645	47.65867	.21057

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.850	-1.977	2116.70001	1319.67999	667.55000	797.01800	-.01089	2116.70001	1336.20000	2012.30000	931.11300	-2.15840
.850	-.062	2118.10001	1320.97000	667.72500	797.12700	-.01061	2118.10001	1337.50000	1970.14999	1051.14000	-1.79675
.849	1.935	2117.50000	1321.69000	666.83800	795.81100	-.01186	2117.50000	1338.20000	1920.06000	1151.00999	-1.45060
.850	3.949	2119.10001	1321.66000	667.99700	797.43700	-.00934	2119.10001	1338.20000	1862.57001	1241.63000	-1.12903
.850	5.957	2119.29999	1322.06000	667.88300	797.23600	-.00837	2119.29999	1338.60001	1799.20000	1324.59000	-.83890
.850	7.985	2119.60001	1321.86000	668.22900	797.74200	-.00845	2119.60001	1338.39999	1728.32001	1414.34000	-.54792
.850	10.024	2120.89999	1322.75000	668.59000	798.15400	-.00681	2120.89999	1339.30000	1653.78999	1494.72000	-.27409
.850	11.988	2122.50000	1323.33000	669.36100	799.17400	-.00447	2122.50000	1339.89999	1576.14999	1575.84000	-.00053
.849	14.000	2120.10001	1322.66000	668.07500	797.44200	-.00281	2120.10001	1339.20000	1490.28000	1659.42999	.29211
.850	16.025	2110.20001	1315.85001	665.36100	794.35400	-.00027	2110.20001	1332.30000	1395.85001	1730.35001	.58471
	GRADIENT	.33326	.33512	.02367	-.00181	.00017	.33326	.33716	-25.26572	52.11470	.17360

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.900	-1.980	2114.50000	1250.09000	708.95300	864.41200	.07470	.00000	.00000	2003.82001	889.15600	-2.37244
.901	-.001	2118.00000	1251.25000	710.66800	866.75100	.07249	.00000	.00000	1961.57001	997.01900	-1.95551
.900	1.973	2124.89999	1256.08000	712.53000	868.81000	.07069	.00000	.00000	1914.81000	1116.71001	-1.56203
.900	3.975	2115.50000	1251.48000	708.80800	864.00900	.10464	.00000	.00000	1848.73000	1206.05000	-1.21442
.900	5.969	2115.39999	1250.48000	709.33900	864.91800	.07693	.00000	.00000	1782.89000	1293.67999	-.89595
.900	7.987	2117.29999	1251.46001	710.06100	865.84000	.07942	.00000	.00000	1712.34000	1382.22000	-.59206
.900	9.981	2114.70001	1250.59000	708.79200	864.10800	.11112	.00000	.00000	1635.14000	1462.16000	-.30661
.899	11.999	2114.29999	1250.80000	708.39300	863.49800	.10889	.00000	.00000	1554.07001	1545.60001	-.01496
.900	13.996	2113.20001	1249.20000	708.58800	863.99800	.07874	.00000	.00000	1466.02000	1632.00999	.29431
.900	16.018	2118.20001	1252.14999	710.26700	866.04500	.07892	.00000	.00000	1378.45000	1716.52000	.60178
.900	18.047	2115.79999	1250.37000	709.67700	865.42700	.07420	.00000	.00000	1279.39000	1790.17999	.92339
	GRADIENT	.49346	.45079	.06981	.04015	.00445	.00000	.00000	-25.81674	53.94190	.19492

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.949	-1.982	2114.79999	1184.00000	746.98300	930.79400	.05388	.00000	.00000	2001.55000	857.26100	-2.37796
.948	-.011	2114.70001	1185.31000	746.19700	929.38800	.07757	.00000	.00000	1954.42999	962.17300	-1.95335
.950	1.936	2118.20001	1184.75999	748.81300	933.43800	.02827	.00000	.00000	1904.44000	1080.41000	-1.57523
.949	3.980	2116.60001	1184.88000	747.68900	931.71600	.08601	.00000	.00000	1841.64000	1178.42000	-1.21929
.950	5.987	2116.29999	1184.17999	747.87500	932.11600	.08375	.00000	.00000	1772.85001	1271.46001	-.89509
.950	7.949	2115.60001	1183.69000	747.68400	931.91200	.08474	.00000	.00000	1700.16000	1353.50999	-.60395
.949	10.002	2116.10001	1184.59000	747.52100	931.51300	.08931	.00000	.00000	1620.44000	1443.89999	-.30381
.947	12.001	2115.50000	1186.91000	745.84500	928.58900	.07577	.00000	.00000	1538.23000	1525.19000	-.02224
.951	14.039	2118.89999	1184.75000	749.28000	934.15000	.01313	.00000	.00000	1450.97000	1618.91000	.28814
.950	15.94[illegible]	2120.[illegible]999	1186.74001	749.44500	934.06200	.03737	.00000	.00000	1364.13000	1701.62000	.58311
.952	18.019	2115.29999	1181.28000	748.80700	934.02200	.00882	.00000	.00000	1259.42000	1776.28000	.90732
	GRADIENT	.44463	.10504	.23616	.33989	.00246	.00000	.00000	-26.72204	54.51524	.19424

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.980	-2.081	2123.79999	1148.07001	772.06300	975.72000	.00937	.00000	.00000	2009.70000	3396.76999	-1.76299
.980	.046	2130.70001	1151.60001	774.67500	979.09000	.03264	.00000	.00000	1964.02000	3298.23001	-2.05451
.980	2.007	2129.20001	1151.12000	773.95900	978.07700	.03323	.00000	.00000	1907.31000	3180.07001	-2.46782
.980	3.910	2124.60001	1148.97000	772.11300	975.63000	.03541	.00000	.00000	1843.28999	3078.23999	-3.08777
.979	5.939	2128.60001	1151.53000	773.35900	977.06500	.03090	.00000	.00000	1778.66000	2990.64001	-4.17311
.980	7.962	2129.89999	1151.92000	773.99700	977.98300	.03477	.00000	.00000	1701.24001	2904.87000	-6.39648
.980	9.950	2129.50000	1151.32001	774.05000	978.17800	.00029	.00000	.00000	1620.23000	2814.59000	-12.97360
.980	12.006	2126.39999	1150.25000	772.60600	976.14200	.00981	.00000	.00000	1529.63000	2726.37000	-1006.95000
.980	13.993	2131.00000	1152.71001	774.29500	978.29000	-.01562	.00000	.00000	1447.83000	2644.54999	14.35250
.980	16.016	2130.20001	1151.61000	774.34900	978.58800	-.02645	.00000	.00000	1353.34000	2556.47000	7.29007
.980	18.015	2138.50000	1155.92999	777.45500	982.56700	.01322	.00000	.00000	1260.03000	2488.50000	5.20688
	GRADIENT	.07899	.12794	-.01520	-.04711	.00401	.00000	.00000	-27.81564	-53.80635	-.21904

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.050	-1.963	1895.80000	943.99300	728.37100	951.52500	-.03566	.00000	.00000	1783.82001	3030.48999	-1.80129
1.049	-.011	1896.00000	944.69200	728.17900	951.03600	-.05021	.00000	.00000	1741.07001	2950.76001	-2.07753
1.049	1.940	1893.00000	943.22200	727.01600	949.50800	-.05442	.00000	.00000	1690.06000	2843.62000	-2.48245
1.050	3.965	1893.80000	942.71200	727.73100	950.80000	-.02538	.00000	.00000	1632.49001	2753.25000	-3.15000
1.049	5.981	1893.30000	944.02000	726.83900	949.01600	-.01991	.00000	.00000	1571.53999	2669.14001	-4.26567
1.050	7.988	1895.30000	943.69800	728.20000	951.32100	-.03590	.00000	.00000	1501.85001	2594.64999	-6.57135
1.050	10.014	1896.80000	944.38300	728.80400	952.13500	-.02505	.00000	.00000	1432.08000	2517.29999	-13.40300
1.049	12.002	1896.50000	944.88700	728.39500	951.34000	-.00521	.00000	.00000	1358.00000	2443.97000	-307.23400
1.049	13.994	1895.60001	944.49600	728.02400	950.83300	-.00335	.00000	.00000	1277.83000	2366.79999	15.05100
1.049	16.017	1894.39999	944.30900	727.37800	949.82600	-.06232	.00000	.00000	1195.06000	2285.23001	7.47557
1.050	17.994	1892.60001	942.72500	726.99600	949.60000	-.05396	.00000	.00000	1110.23000	2214.51001	5.31734
	GRADIENT	-.45417	-.26977	-.15483	-.18524	.00139	.00000	.00000	-25.60398	-47.57741	-.22595

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.100	-1.895	1927.60001	902.53100	764.77700	1022.99000	.04138	.00000	.00000	1806.92000	3082.82001	-1.83043
1.100	-.033	1928.50000	903.52100	764.90900	1022.92000	-.02159	.00000	.00000	1764.89999	3004.85999	-2.09267
1.100	1.941	1928.89999	903.41800	765.18300	1023.41000	-.02636	.00000	.00000	1714.64999	2905.01001	-2.50772
1.101	4.017	1930.00000	903.20700	765.90600	1024.67999	.03931	.00000	.00000	1656.73000	2814.51001	-3.18304
1.100	6.001	1930.10001	903.80600	765.72800	1024.21001	.03728	.00000	.00000	1595.08000	2731.64999	-4.26489
1.100	8.012	1929.89999	903.50800	765.72900	1024.30000	.02959	.00000	.00000	1523.66000	2653.88000	-6.41425
1.100	10.034	1930.00000	903.90700	765.63000	1024.02000	.02124	.00000	.00000	1451.21001	2573.39999	-12.41350
1.099	12.005	1929.39999	904.71200	764.96200	1022.67000	-.03848	.00000	.00000	1373.75000	2496.75000	-119.74800
1.100	13.998	1929.10001	903.61600	765.22100	1023.42000	-.01951	.00000	.00000	1296.35001	2419.53000	16.67460
1.101	16.034	1929.10001	902.91600	765.49800	1024.08000	.02804	.00000	.00000	1212.42000	2340.45999	7.87707
1.100	18.066	1927.30000	902.63300	764.56200	1022.59000	.03915	.00000	.00000	1124.14000	2266.28000	5.51637
	GRADIENT	.38589	.09428	.18726	.28561	-.00020	.00000	.00000	-25.43840	-45.91307	-.22794

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-1.882	1918.20000	844.41000	780.79000	1067.50999	.03755	.00000	.00000	1783.64000	3066.72000	-1.87327
1.151	.029	1917.20000	842.02500	781.04100	1068.69000	.05607	.00000	.00000	1737.78999	2992.91000	-2.15543
1.149	2.084	1915.30000	843.03800	779.64200	1065.98000	.03604	.00000	.00000	1683.23000	2893.79001	-2.60642
1.149	3.966	1916.50000	843.52600	780.14400	1066.69000	.03535	.00000	.00000	1630.34000	2810.51001	-3.23882
1.149	6.005	1918.39999	844.70700	780.80000	1067.44000	.03669	.00000	.00000	1568.85001	2727.51001	-4.37172
1.150	8.013	1918.50000	843.41000	781.29500	1068.69000	.05529	.00000	.00000	1499.67000	2653.29001	-6.50194
1.150	10.051	1918.70000	844.20600	781.13700	1068.17000	.02544	.00000	.00000	1428.49001	2575.06000	-12.36720
1.150	12.043	1919.39999	843.80100	781.66300	1069.20000	.04822	.00000	.00000	1354.81000	2502.73001	-70.65650
1.149	14.054	1919.20000	844.70000	781.24800	1068.20000	.04297	.00000	.00000	1279.62000	2426.48999	19.80640
1.149	16.042	1918.00000	844.21200	780.74600	1067.50000	.03648	.00000	.00000	1202.81000	2346.42999	8.87540
1.150	18.083	1918.70000	843.60800	781.34000	1068.70000	.05195	.00000	.00000	1117.69000	2274.75000	5.89618
	GRADIENT	-.36117	-.08144	-.17324	-.26956	-.00140	.00000	.00000	-26.24778	-44.29306	-.23183

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.199	-1.899	1911.89999	789.19200	794.51500	1109.07001	.05515	.00000	.00000	1758.39999	770.98800	-2.09292
1.200	.031	1917.10001	790.84500	796.81500	1112.49001	.05866	.00000	.00000	1719.24001	833.42800	-1.75207
1.201	1.923	1922.20000	791.90200	799.22700	1116.32001	.05297	.00000	.00000	1673.44000	922.76800	-1.43179
1.200	3.944	1917.30000	790.14800	797.11600	1113.25000	.05186	.00000	.00000	1614.13000	1011.40000	-1.12196
1.201	5.950	1913.39999	787.98800	795.64900	1111.44000	.05340	.00000	.00000	1547.95000	1090.44000	-.83094
1.199	8.010	1910.50000	788.50600	793.96400	1108.35001	.06385	.00000	.00000	1481.44000	1164.22000	-.56479
1.199	10.011	1913.20000	790.17700	794.92900	1109.46001	.07706	.00000	.00000	1416.34000	1238.20000	-.31292
1.200	12.066	1917.89999	791.03800	797.18600	1113.07001	.07659	.00000	.00000	1342.66000	1316.12000	-.04619
1.200	14.048	1918.80000	791.43000	797.55400	1113.58000	.07415	.00000	.00000	1271.08000	1388.52000	.20472
1.200	16.006	1920.80000	792.01200	798.45300	1114.94000	.05178	.00000	.00000	1195.37000	1468.28000	.48033
1.200	18.059	1923.80000	793.38200	799.66300	1116.57001	.05698	.00000	.00000	1118.95000	1542.56000	.75357
	GRADIENT	1.08001	.19697	.51852	.83171	-.00080	.00000	.00000	-24.66888	41.75238	.16643

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.219	-1.949	1746.60001	702.16900	730.87300	1028.35001	.03305	.00000	.00000	1601.39000	702.45600	-2.06340
1.220	.000	1745.30000	700.78700	730.54900	1028.25999	.03524	.00000	.00000	1558.92000	766.82000	-1.72873
1.220	1.906	1744.70000	700.69100	730.26100	1027.80000	.04213	.00000	.00000	1513.64000	840.52400	-1.41657
1.219	3.926	1748.20000	702.95300	731.50700	1029.17999	.04444	.00000	.00000	1466.00000	920.48800	-1.11192
1.220	5.932	1750.89999	703.53100	732.76700	1031.17000	.04848	.00000	.00000	1413.00000	993.17200	-.83351
1.220	7.974	1752.70000	703.91700	733.60600	1032.50000	.05153	.00000	.00000	1351.78999	1062.80000	-.56064
1.220	9.977	1755.30000	704.69500	734.76200	1034.24001	.06595	.00000	.00000	1292.71001	1133.87000	-.30501
1.219	12.006	1756.00000	705.88200	734.82400	1033.94000	.06980	.00000	.00000	1224.52000	1198.50000	-.04921
1.220	13.988	1754.30000	704.70100	734.24000	1033.33000	.06685	.00000	.00000	1158.47000	1264.84000	.20168
1.220	16.019	1751.50000	703.32900	733.13100	1031.88000	.06078	.00000	.00000	1088.53999	1333.11000	.46922
1.218	17.980	1749.70000	704.93000	731.78000	1028.98000	.05924	.00000	.00000	1016.65000	1396.32001	.74004
	GRADIENT	.22093	.11935	.08472	.10622	.00210	.00000	.00000	-23.11803	37.27526	.16210

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.240	-2.006	1750.20000	684.57100	737.02300	1045.21001	.03607	.00000	.00000	1594.92999	699.36000	-2.03408
1.239	.029	1756.30000	687.80800	739.39500	1048.21001	.04522	.00000	.00000	1557.16000	768.74800	-1.69857
1.240	1.967	1751.20000	685.55700	737.30700	1045.36000	.04874	.00000	.00000	1508.60001	842.70400	-1.39197
1.239	4.034	1743.89999	682.72400	734.22800	1040.98000	.04755	.00000	.00000	1451.44000	918.13200	-1.08649
1.240	5.980	1746.89999	683.50000	735.58300	1043.08000	.04966	.00000	.00000	1400.36000	988.09200	-.81784
1.240	7.979	1751.00000	684.96300	737.34200	1045.63000	.05070	.00000	.00000	1345.66000	1057.21001	-.56021
1.240	10.012	1754.50000	686.43000	738.79300	1047.64999	.06103	.00000	.00000	1284.89999	1127.24001	-.30160
1.240	11.996	1754.70000	686.92500	738.78100	1047.45000	.06236	.00000	.00000	1220.98000	1189.42999	-.05964
1.240	14.012	1753.89999	686.03600	738.57700	1047.41000	.05779	.00000	.00000	1152.85001	1256.02000	.19457
1.239	16.012	1753.39999	686.63500	738.18300	1046.50999	.04936	.00000	.00000	1084.50000	1323.99001	.45482
1.240	18.026	1753.30000	686.23900	738.22400	1046.72000	.04581	.00000	.00000	1014.06000	1388.25999	.72698
	GRADIENT	-1.19669	-.38809	-.52231	-.77519	.00189	.00000	.00000	-23.88759	36.40704	.15701

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	-1.990	1748.70000	631.15700	746.62300	1081.48000	.01709	.00000	.00000	1577.67999	695.56600	-2.00062
1.299	.002	1747.80000	631.26100	746.17200	1080.64999	.01829	.00000	.00000	1534.12000	758.40700	-1.65311
1.300	1.989	1748.10001	631.25900	746.31700	1080.89999	.01816	.00000	.00000	1488.73000	833.46800	-1.35216
1.300	3.995	1753.10001	632.42100	748.55200	1084.41000	.01773	.00000	.00000	1440.86000	908.47500	-1.06602
1.300	6.004	1752.20000	632.12900	748.16200	1083.84000	.02124	.00000	.00000	1389.77000	979.74300	-.80781
1.300	8.026	1748.89999	630.85900	746.76500	1081.84000	.02127	.00000	.00000	1329.89000	1041.48000	-.55708
1.300	9.976	1748.60001	631.15800	746.57400	1081.39999	.02760	.00000	.00000	1274.64000	1102.98000	-.32782
1.300	12.011	1751.30000	632.13400	747.72700	1083.06000	.02962	.00000	.00000	1211.02000	1170.50000	-.07667
1.300	14.019	1753.10001	633.11400	748.44400	1083.96001	.02447	.00000	.00000	1147.39000	1236.69000	.16918
1.299	15.969	1754.60001	633.89800	749.04700	1084.73000	.01963	.00000	.00000	1085.72000	1304.09000	.41958
1.300	18.050	1752.39999	632.32600	748.22800	1083.88000	.01941	.00000	.00000	1010.42000	1366.92999	.69449
	GRADIENT	.67833	.19034	.29808	.45429	.00009	.00000	.00000	-22.86209	35.79848	.15570

0A232 AEDC 16T TF431 LA .2A RFN.1S (CVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.399	-1.985	1749.60001	550.20600	754.31200	1126.48000	-.04436	.00000	.00000	1541.17000	690.19900	-2.18709
1.400	.022	1752.39099	550.98400	755.52100	1128.33000	-.03206	.00000	.00000	1504.36000	747.23400	-1.80691
1.400	1.962	1751.50000	550.19800	755.14300	1127.97000	-.04248	.00000	.00000	1464.22000	819.79800	-1.48988
1.399	3.977	1747.39999	549.62300	753.36100	1125.02000	-.03960	.00000	.00000	1413.91000	891.75500	-1.17378
1.400	5.952	1748.00000	548.92900	753.63700	1125.78999	-.04234	.00000	.00000	1364.78999	959.12200	-.89151
1.400	7.986	1748.39999	549.71800	753.79600	1125.75000	-.03715	.00000	.00000	1305.07001	1023.05000	-.60249
1.400	9.965	1748.89999	549.61700	754.01700	1126.19000	-.03193	.00000	.00000	1248.99001	1083.39999	-.34904
1.400	11.982	1749.70000	549.81100	754.36300	1126.73000	-.02774	.00000	.00000	1195.37000	1138.86000	-.11834
1.400	13.992	1749.30000	549.61500	754.19200	1126.50000	-.03162	.00000	.00000	1133.78000	1197.88000	.13436
1.400	15.951	1749.70000	550.10700	754.35700	1126.60001	-.03524	.00000	.00000	1074.84000	1258.57001	.38919
1.400	17.977	1750.10001	550.10500	754.53200	1126.91000	-.03305	.00000	.00000	1006.54000	1321.85001	.67569
	GRADIENT	-.37883	-.12737	-.16321	-.23971	.00021	.00000	.00000	-21.28668	34.15722	.16935

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.550	-1.859	1606.10001	406.82600	684.08900	1059.89999	-.13798	.00000	.00000	1339.27000	600.71800	-1.83399
1.550	.031	1601.60001	405.85500	682.20600	1056.92000	-.13614	.00000	.00000	1305.63000	649.80300	-1.55536
1.550	2.052	1597.10001	404.28900	680.20300	1053.98000	-.13690	.00000	.00000	1270.10001	703.64300	-1.30331
1.551	4.093	1599.80000	404.77200	681.31300	1055.77000	-.13171	.00000	.00000	1233.20000	765.97900	-1.04942
1.550	6.060	1602.10001	405.75300	682.37300	1057.27000	-.12907	.00000	.00000	1191.41000	827.05000	-.80327
1.550	8.088	1603.70000	406.24200	683.07100	1058.31000	-.12448	.00000	.00000	1145.44000	882.66800	-.56918
1.550	10.082	1604.10001	406.53700	683.28100	1058.57001	-.11705	.00000	.00000	1105.75000	934.70900	-.36912
1.550	12.062	1601.70000	405.45800	682.16300	1057.00999	-.11310	.00000	.00000	1056.23000	983.08600	-.15725
1.550	14.095	1600.20000	405.56300	681.62200	1055.99001	-.11200	.00000	.00000	1004.03000	1037.55000	.07213
1.549	16.084	1598.30000	405.27500	680.85100	1054.72000	-.11012	.00000	.00000	942.77500	1092.91000	.32253
	GRADIENT	-1.16503	-.38660	-.51473	-.76313	.00091	.00000	.00000	-17.79592	27.66477	.13099

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.201	-1.827	3678.79999	3576.39999	101.37000	102.39300	2.02960	.00000	.00000	3661.20001	3508.97000	-2.49821
.201	.217	3672.39999	3569.97000	101.39500	102.42700	2.05269	.00000	.00000	3647.59000	3514.01999	-1.91791
.203	2.133	3676.79999	3572.82001	102.92100	103.98100	2.06119	.00000	.00000	3642.14001	3527.92999	-1.47864
.204	4.121	3674.70001	3569.48999	104.11700	105.19800	2.04341	.00000	.00000	3628.81000	3535.54999	-1.11164
.203	6.092	3678.00000	3573.66000	103.27300	104.33200	1.96772	.00000	.00000	3619.53000	3554.19000	-.75232
.204	7.842	3674.29999	3569.23999	103.97200	105.05800	1.84828	.00000	.00000	3604.19000	3563.45001	-.45943
.200	9.797	3674.50000	3573.04999	100.43600	101.44500	1.66435	.00000	.00000	3594.79999	3580.29001	-.16741
.200	11.702	3677.50000	3576.38000	100.11200	101.11400	1.75393	.00000	.00000	3585.29999	3595.60999	.11850
.201	13.722	3678.79999	3576.92001	100.86000	101.86900	1.80566	.00000	.00000	3571.13000	3609.44000	.43793
.201	15.703	3679.10001	3576.92999	101.14100	102.16300	1.84058	.00000	.00000	3556.79999	3622.06000	.75336
	GRADIENT	-.41172	-.91486	.49239	.50259	.00255	.00000	.00000	-5.20066	4.72868	.23288

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.397	-1.949	1850.30000	1659.58000	183.37200	190.71700	2.07008	.00000	.00000	1818.73000	1540.02000	-2.46368
.398	.036	1850.20000	1659.17000	183.65400	191.02900	2.05583	.00000	.00000	1802.14000	1561.96001	-1.87996
.398	2.027	1850.10001	1658.59000	184.09700	191.50600	2.08019	.00000	.00000	1787.89000	1581.95000	-1.47817
.398	4.034	1850.39999	1658.61000	184.35400	191.78500	2.07320	.00000	.00000	1769.10001	1603.42999	-1.10837
.398	6.021	1850.39999	1658.64999	184.31600	191.74100	2.09153	.00000	.00000	1747.27000	1627.85001	-.76621
.399	7.888	1850.30000	1658.21001	184.62700	192.08000	1.93939	.00000	.00000	1724.78999	1652.38000	-.45493
.399	9.869	1850.30000	1658.25999	184.58900	192.04300	1.87584	.00000	.00000	1704.39000	1676.36000	-.17548
.399	11.864	1850.39999	1658.37000	184.58000	192.03200	1.85206	.00000	.00000	1681.88000	1699.80000	.11226
.399	13.871	1850.10001	1658.28000	184.38000	191.81800	1.87767	.00000	.00000	1655.75000	1722.62000	.41926
.399	15.864	1850.30000	1658.23000	184.60800	192.06500	1.89269	.00000	.00000	1628.64000	1745.72000	.74109
.398	17.907	1849.89999	1658.48000	184.01100	191.41600	1.91437	.00000	.00000	1601.49001	1767.14000	1.08006
	GRADIENT	.01015	-.17487	.16993	.18457	.00169	.00000	.00000	-8.18152	10.54157	.22398

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.600	-1.921	2115.79999	1658.92000	417.91400	456.87800	1.96689	.00000	.00000	2038.49001	2848.20999	-1.78393
.600	.057	2115.10001	1657.72000	418.31300	457.38200	1.97003	.00000	.00000	2005.72000	2792.42001	-2.11694
.601	2.070	2116.00000	1657.70000	419.08500	458.29900	1.96307	.00000	.00000	1967.46001	2741.67999	-2.63217
.600	4.093	2115.20001	1658.73000	417.56600	456.46900	1.98050	.00000	.00000	1925.23000	2688.38000	-3.42896
.602	6.111	2109.10001	1650.92999	418.83400	458.16600	2.02001	.00000	.00000	1870.52000	2623.07999	-4.93425
.601	8.014	2118.20001	1659.07001	419.80400	459.12100	2.01798	.00000	.00000	1831.81000	2577.95001	-8.12464
.601	10.027	2113.60001	1656.02000	418.44400	457.57800	1.88551	.00000	.00000	1777.70000	2514.79999	-22.50810
.601	11.881	2119.79999	1661.17999	419.42700	458.62000	1.93529	.00000	.00000	1729.50000	2470.01999	35.69110
.600	13.852	2115.89999	1659.33000	417.66600	456.57300	1.98140	.00000	.00000	1670.10001	2412.97000	10.28350
.599	15.888	2115.70001	1659.42999	417.41100	456.26700	1.99601	.00000	.00000	1607.30000	2360.26999	6.18574
.600	17.886	2120.29999	1662.89000	418.43800	457.40400	2.01532	.00000	.00000	1549.84000	2316.69000	4.75815
	GRADIENT	-.04474	-.02818	-.01446	-.01656	.00169	.00000	.00000	-18.85523	-26.43664	-.27202

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.697	-1.908	2118.10001	1531.37000	520.45600	586.72700	1.99556	.00000	.00000	2022.21001	1189.64000	-2.30270
.700	.005	2115.60001	1524.92000	523.34600	590.67100	2.00455	.00000	.00000	1978.64000	1258.00999	-1.84644
.701	2.105	2115.89999	1524.11000	524.19900	591.78800	1.97784	.00000	.00000	1932.23000	1330.25999	-1.44036
.701	4.059	2113.39999	1522.13000	523.71600	591.26800	2.00612	.00000	.00000	1879.00000	1397.99001	-1.10194
.702	6.096	2109.29999	1518.35001	523.32000	590.94300	2.02556	.00000	.00000	1810.44000	1464.97000	-.78962
.700	7.970	2111.89999	1523.17000	521.74200	588.72400	1.95649	.00000	.00000	1765.10001	1537.36000	-.50386
.699	10.039	2117.39999	1527.32001	522.95900	590.07400	1.87047	.00000	.00000	1703.08000	1615.25000	-.19160
.699	11.895	2115.89999	1526.64000	522.28600	589.25700	1.91395	.00000	.00000	1637.96001	1679.42999	.09044
.699	13.859	2114.89999	1526.25999	521.78600	588.63800	1.95092	.00000	.00000	1568.61000	1744.98000	.38653
.698	15.880	2117.00000	1529.16000	521.25700	587.83700	1.95811	.00000	.00000	1492.19000	1811.25999	.70175
.699	17.891	2113.20001	1525.48000	521.02800	587.72100	1.97689	.00000	.00000	1411.53999	1867.09000	1.02301
	GRADIENT	-.68523	-1.41835	.52928	.73363	.00018	.00000	.00000	-23.80032	34.86687	.20034

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.799	-2.004	2121.79999	1392.87000	622.96400	728.92600	2.08335	.00000	.00000	2005.03999	998.01000	-2.26102
.799	-.017	2120.89999	1392.17999	622.77000	728.72000	2.05686	.00000	.00000	1957.44000	1119.84000	-1.82300
.800	2.012	2115.20001	1387.42000	621.78700	727.78000	2.05643	.00000	.00000	1900.33000	1199.06000	-1.44230
.800	3.963	2114.39999	1387.33000	621.25500	727.06600	2.10071	.00000	.00000	1841.44000	1282.09000	-1.10643
.800	6.025	2115.39999	1388.33000	621.31800	727.07300	2.08432	.00000	.00000	1776.73000	1367.36000	-.78682
.800	7.926	2115.00000	1387.73000	621.43000	727.27300	1.97903	.00000	.00000	1711.50000	1444.96001	-.50502
.800	9.993	2115.60001	1387.41000	622.08800	728.18400	1.98886	.00000	.00000	1634.47000	1524.64000	-.20526
.800	11.885	2115.29999	1387.82001	621.58700	727.47300	1.86603	.00000	.00000	1564.63000	1599.75000	.06576
.800	13.917	2115.29999	1388.23000	621.31200	727.07200	1.91870	.00000	.00000	1480.08000	1681.42999	.37837
.800	15.945	2115.70001	1387.71001	621.95700	727.98500	1.92168	.00000	.00000	1395.92999	1755.94000	.68328
.800	17.930	2115.39999	1387.92000	621.59400	727.47400	1.93482	.00000	.00000	1307.95000	1822.62000	.99354
	GRADIENT	-1.40278	-1.07561	-.30677	-.32718	.00255	.00000	.00000	-27.48697	46.73751	.19293

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.849	-1.913	2119.50000	1322.46001	667.77000	797.03500	1.88760	.00000	.00000	1993.92000	944.06800	-1.61389
.849	.022	2113.39999	1319.13000	665.54800	794.27000	1.98563	.00000	.00000	1939.28999	1057.02000	-1.43401
.850	1.976	2114.10001	1318.50999	666.44200	795.58900	2.02953	.00000	.00000	1885.73000	1149.34000	-1.23440
.850	4.042	2114.20001	1318.71001	666.38500	795.48800	2.01113	.00000	.00000	1824.33000	1241.70000	-1.00249
.850	6.043	2115.39999	1319.20000	666.93200	796.20200	2.10182	.00000	.00000	1756.10001	1325.00999	-.74993
.850	7.988	2116.60001	1319.67999	667.47800	796.91700	2.06958	.00000	.00000	1683.75999	1412.21001	-.47757
.850	10.078	2117.89999	1320.67000	667.77300	797.22700	1.89558	.00000	.00000	1610.84000	1495.39999	-.20440
.850	11.928	2120.29999	1321.85001	668.73600	798.45300	1.91231	.00000	.00000	1534.66000	1572.77000	.06727
.849	13.950	2119.00000	1321.97000	667.73100	797.03200	1.96210	.00000	.00000	1451.75999	1660.06000	.36993
.850	15.933	2118.29999	1320.57001	668.12700	797.73500	1.98740	.00000	.00000	1363.25000	1735.42000	.65411
.850	17.980	2119.10001	1321.56000	668.06100	797.53700	1.99924	.00000	.00000	1271.96001	1809.67999	.92987
	GRADIENT	-.75824	-.59337	-.16188	-.16457	.02071	.00000	.00000	-28.38085	49.67117	.10269

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.901	-1.991	2113.79999	1249.09000	709.06500	864.70500	2.08210	.00000	.00000	1980.56000	896.88300	-2.19600
.899	-.038	2112.79999	1250.31000	707.64900	862.48000	2.12317	.00000	.00000	1932.47000	1010.40000	-1.79921
.899	1.974	2112.39999	1250.02000	707.55100	862.37800	2.11906	.00000	.00000	1875.11000	1114.36000	-1.42614
.900	3.952	2112.89999	1249.50999	708.19900	863.39100	2.13377	.00000	.00000	1811.07001	1209.94000	-1.08917
.900	5.989	2111.39999	1247.81000	708.17500	863.57900	2.13583	.00000	.00000	1740.85001	1300.70000	-.77908
.900	7.876	2111.29999	1248.82001	707.50600	862.47000	2.03755	.00000	.00000	1668.14000	1379.89999	-.49961
.900	10.025	2114.39999	1250.49001	708.64300	863.90300	1.80871	.00000	.00000	1592.46001	1468.13000	-.21334
.900	11.900	2114.70001	1250.08000	709.09200	864.61100	1.84698	.00000	.00000	1513.82001	1544.70000	.05270
.900	13.924	2117.00000	1251.46001	709.85200	865.53400	1.88942	.00000	.00000	1428.98000	1635.81000	.35559
.899	15.891	2117.60001	1252.75999	709.49000	864.83200	1.85803	.00000	.00000	1341.23000	1716.35001	.65096
.899	17.929	2113.29999	1250.50999	707.87700	862.78900	1.88761	.00000	.00000	1243.17999	1788.33000	.96365
	GRADIENT	-.15585	.04804	-.13510	-.20257	.00758	.00000	.00000	-28.52580	52.57214	.18615

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.950	-1.972	2115.89999	1183.28000	748.10500	932.61900	2.04457	.00000	.00000	1977.50999	877.15900	-1.59802
.950	.045	2115.29999	1183.99001	747.31800	931.30700	1.99295	.00000	.00000	1928.06000	983.73100	-1.43209
.950	1.988	2116.29999	1183.38000	748.31700	932.92400	2.02304	.00000	.00000	1871.25999	1089.96001	-1.22906
.950	4.016	2117.60001	1184.57001	748.52200	933.03400	2.02635	.00000	.00000	1808.27000	1189.57001	-1.00003
.950	6.057	2117.89999	1184.86000	748.55700	933.03600	2.06653	.00000	.00000	1735.28999	1285.37000	-.74053
.950	7.981	2117.70001	1185.37000	748.14700	932.33000	2.00429	.00000	.00000	1663.39000	1363.39000	-.49642
.951	10.031	2118.89999	1184.75000	749.28000	934.15000	2.03208	.00000	.00000	1580.44000	1454.48000	-.20943
.950	11.930	2118.79999	1184.85001	749.15800	933.94800	1.89113	.00000	.00000	1502.94000	1531.30000	.04714
.949	14.018	2119.10001	1186.46001	748.47500	932.64200	2.00172	.00000	.00000	1410.52000	1626.46001	.35953
.950	15.938	2116.39999	1184.67999	747.66600	931.71700	1.98679	.00000	.00000	1321.17999	1703.27000	.63242
.950	17.931	2117.50000	1184.27000	748.62100	933.23500	1.96310	.00000	.00000	1230.21001	1778.70000	.89469
	GRADIENT	.30613	.16506	.11212	.14218	-.00127	.00000	.00000	-28.35727	52.40998	.10031

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.980	-2.030	2127.50000	1149.84000	773.53100	977.65800	2.01267	.00000	.00000	1987.28999	3381.23999	-1.88613
.980	.010	2126.89999	1149.94000	773.08900	976.95200	2.05462	.00000	.00000	1932.70000	3275.20999	-2.20800
.980	1.987	2126.50000	1149.35001	773.14200	977.15300	2.03801	.00000	.00000	1872.87000	3163.10999	-2.69739
.980	4.017	2127.39999	1149.94000	773.41400	977.45800	2.04319	.00000	.00000	1807.53999	3067.87000	-3.49110
.979	6.008	2125.50000	1149.86000	772.22900	975.63700	2.11275	.00000	.00000	1731.35001	2971.12000	-4.94212
.979	7.948	2124.70001	1149.47000	771.91700	975.22800	1.98303	.00000	.00000	1657.45000	2889.29999	-7.78416
.981	9.975	2125.10001	1148.16000	772.85700	976.93900	1.97438	.00000	.00000	1573.58000	2800.04001	-19.35460
.979	11.942	2132.10001	1153.50000	774.59400	978.60200	1.91228	.00000	.00000	1498.56000	2727.10001	60.27260
.980	13.939	2137.39999	1155.94000	776.73900	981.45400	1.94006	.00000	.00000	1413.30000	2646.20001	11.66630
.979	15.929	2136.50000	1155.85001	776.20500	980.64300	1.93426	.00000	.00000	1321.97000	2560.39001	6.71954
.981	17.964	2131.50000	1151.59000	775.19600	979.90500	1.96084	.00000	.00000	1220.39999	2476.75000	4.99183
.980	18.933	2128.39999	1150.33000	773.85600	978.06900	1.94876	.00000	.00000	1172.84000	2439.07999	4.58312
	GRADIENT	-.03467	-.01395	-.01498	-.02018	.00375	.00000	.00000	-29.77734	-52.29737	-.26364

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.051	-1.981	1891.10001	940.83700	726.93100	949.97100	1.92928	.00000	.00000	1760.08000	3007.85999	-1.90246
1.049	.002	1889.39999	941.25600	725.71000	947.86900	1.97726	.00000	.00000	1712.92000	2918.88000	-2.22412
1.050	2.007	1890.60001	941.04300	726.53500	949.27100	2.01050	.00000	.00000	1659.55000	2827.82001	-2.71737
1.049	4.009	1891.70000	942.73500	726.44400	948.69400	2.02564	.00000	.00000	1603.31000	2739.48001	-3.49217
1.051	6.077	1893.10001	941.61700	727.79600	951.18500	2.04522	.00000	.00000	1536.50000	2656.84000	-4.93220
1.050	7.994	1896.20000	944.39000	728.43600	951.53400	1.99357	.00000	.00000	1473.58000	2589.29001	-7.72256
1.050	9.971	1897.30000	945.07900	728.79500	951.94500	1.99066	.00000	.00000	1400.78000	2512.39001	-18.31270
1.050	11.999	1896.80000	944.18300	728.89400	952.33000	1.96371	.00000	.00000	1323.36000	2437.14001	65.93680
1.049	13.935	1894.89999	944.00300	727.82000	950.62000	1.98218	.00000	.00000	1245.56000	2359.41000	12.38660
1.049	15.931	1893.00000	943.12100	727.06100	949.60400	1.97994	.00000	.00000	1162.73000	2280.38000	6.96648
1.049	17.964	1891.00000	942.14100	726.28500	948.58600	2.00411	.00000	.00000	1077.64000	2208.38000	5.10190
1.050	18.963	1891.20000	941.73800	726.58800	949.18000	2.01906	.00000	.00000	1036.17000	2179.19000	4.64266
	GRADIENT	.15104	.27452	-.03138	-.12089	.01613	.00000	.00000	-26.21834	-44.86486	-.26354

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.100	-2.011	1931.80000	904.78900	766.32800	1024.94000	1.95504	.00000	.00000	1793.00000	3073.19000	-1.91889
1.100	.036	1931.80000	904.78900	766.32800	1024.94000	1.98418	.00000	.00000	1742.64000	2986.76999	-2.26399
1.099	1.984	1928.70000	903.91900	764.86800	1022.74000	2.01570	.00000	.00000	1687.48000	2887.53000	-2.73318
1.099	4.064	1926.20000	902.74400	763.87800	1021.42000	1.99558	.00000	.00000	1625.10001	2794.29001	-3.49644
1.101	6.016	1923.10001	899.97500	763.16900	1021.02000	2.09978	.00000	.00000	1555.50999	2706.70999	-4.81761
1.099	7.998	1922.39999	901.18100	762.28500	1019.19000	2.01478	.00000	.00000	1487.97000	2632.34000	-7.46714
1.101	9.959	1923.39999	899.97200	763.34500	1021.32000	1.95867	.00000	.00000	1411.75999	2552.10999	-17.24870
1.100	11.929	1926.39999	902.34200	764.15400	1022.00000	1.93488	.00000	.00000	1342.17000	2487.04999	150.18100
1.100	13.880	1931.39999	904.39400	766.25200	1024.92000	1.90402	.00000	.00000	1264.50999	2414.48999	13.55500
1.101	15.863	1931.80000	903.59000	766.80100	1026.07001	1.92891	.00000	.00000	1181.78000	2337.76001	7.39990
1.100	17.929	1931.39999	904.19300	766.33100	1025.11000	1.91656	.00000	.00000	1100.45000	2265.85001	5.31460
	GRADIENT	-.98529	-.34736	-.43599	-.63126	.00754	.00000	.00000	-27.70704	-46.38353	-.25810

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.149	-1.946	1920.70000	845.48500	781.81600	1068.92999	2.00096	.00000	.00000	1768.09000	3052.37000	-1.97710
1.151	.041	1921.80000	844.38000	782.80200	1070.96001	2.04945	.00000	.00000	1718.14000	2972.88000	-2.32120
1.149	2.010	1921.89999	846.17300	782.25000	1069.45000	2.03887	.00000	.00000	1667.19000	2885.48001	-2.81223
1.150	4.046	1921.60001	845.07900	782.45400	1070.14000	2.06342	.00000	.00000	1603.84000	2794.44000	-3.64159
1.150	6.022	1920.89999	844.58600	782.23200	1069.92000	2.08110	.00000	.00000	1537.19000	2712.51001	-5.05010
1.149	7.940	1918.60001	844.60600	780.94600	1067.72000	2.02883	.00000	.00000	1470.61000	2637.60999	-7.74298
1.151	9.996	1918.10001	842.81500	781.27400	1068.84000	1.80510	.00000	.00000	1396.83000	2559.76999	-16.88340
1.150	11.910	1918.10001	844.11100	780.83500	1067.67999	1.87832	.00000	.00000	1328.09000	2490.20001	407.01300
1.150	13.852	1917.80000	843.51600	780.87000	1067.92999	1.88880	.00000	.00000	1253.77000	2416.23001	15.66970
1.149	15.884	1917.50000	844.11600	780.50000	1067.11000	1.92111	.00000	.00000	1174.61000	2338.37000	7.97937
1.150	17.883	1916.39999	842.53000	780.42600	1067.48000	1.90698	.00000	.00000	1094.97000	2268.78000	5.69731
	GRADIENT	.13965	.02757	.06831	.10672	.00887	.00000	.00000	-27.26843	-43.18084	-.27530

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OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.200	-2.026	1919.20000	790.93000	797.90600	1114.36000	2.04124	.00000	.00000	1747.00999	779.36800	-1.95790
1.200	.095	1919.10001	791.82500	797.60300	1113.53000	2.05843	.00000	.00000	1700.57001	865.88400	-1.61686
1.200	1.941	1919.10001	790.93000	797.85300	1114.25999	2.07839	.00000	.00000	1646.71001	947.31600	-1.30437
1.201	4.006	1917.70000	789.94600	797.38500	1113.78000	2.06536	.00000	.00000	1588.42999	1035.99001	-1.00452
1.200	6.036	1916.50000	790.45200	796.60600	1112.27000	2.07288	.00000	.00000	1523.00000	1114.06000	-.72602
1.199	7.909	1914.20000	790.66700	795.32300	1109.97000	1.93482	.00000	.00000	1458.78000	1181.74001	-.48541
1.201	9.941	1913.00000	787.59300	795.54700	1111.39999	1.95029	.00000	.00000	1381.75000	1255.28000	-.21989
1.199	11.883	1913.50000	789.87700	795.17400	1109.98000	1.84912	.00000	.00000	1315.52000	1323.39000	.01362
1.199	13.868	1917.20000	791.74000	796.61700	1111.85001	1.88859	.00000	.00000	1245.44000	1399.23000	.26635
1.199	15.898	1920.80000	792.70800	798.25800	1114.36000	1.90334	.00000	.00000	1171.64999	1479.30000	.53697
1.200	17.950	1922.50000	792.69600	799.16500	1115.92999	1.91843	.00000	.00000	1096.42000	1548.17000	.80077
	GRADIENT	-.22648	-.18939	-.06726	-.05429	.00460	.00000	.00000	-26.52905	42.67664	.15904

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.299	-1.986	1753.10001	633.31200	748.41300	1083.83000	2.02750	.00000	.00000	1563.45000	715.30700	-1.86586
1.300	-.006	1755.00000	633.10400	749.36300	1085.59000	2.04150	.00000	.00000	1521.10001	786.78200	-1.53636
1.300	2.003	1748.89999	631.15600	746.71900	1081.64999	2.03338	.00000	.00000	1472.63000	860.62800	-1.24567
1.300	4.023	1746.80000	630.47400	745.81100	1080.30000	2.04025	.00000	.00000	1416.60001	936.09800	-.95410
1.301	6.014	1749.10001	630.36300	746.93800	1082.33000	2.10931	.00000	.00000	1356.63000	1007.33000	-.67741
1.301	7.960	1751.10001	631.54100	747.72200	1083.28000	2.00726	.00000	.00000	1309.63000	1069.17999	-.46212
1.300	9.956	1751.70000	632.13100	747.92000	1083.41000	1.96155	.00000	.00000	1254.03000	1126.39000	-.24274
1.300	11.944	1753.10001	632.32200	748.56700	1084.47000	1.91578	.00000	.00000	1191.98000	1187.21001	-.00901
1.299	13.928	1753.50000	633.40900	748.59100	1084.11000	1.93449	.00000	.00000	1130.39999	1252.00000	.23010
1.300	15.933	1750.80000	632.13600	747.48500	1082.64000	1.95157	.00000	.00000	1062.53000	1315.85001	.48456
1.300	17.979	1746.89999	630.86900	745.79800	1080.13000	1.95510	.00000	.00000	993.14000	1373.31000	.74209
	GRADIENT	-1.25023	-.52252	-.52270	-.72707	.00150	.00000	.00000	-24.41390	36.74710	.15101

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.400	-1.935	1752.30000	550.39300	755.48900	1128.50999	1.89879	.00000	.00000	1522.99001	708.24000	-1.82015
1.400	.005	1752.10001	550.39300	755.40100	1128.35001	1.96467	.00000	.00000	1483.87000	771.56600	-1.52128
1.400	1.991	1748.70000	549.32200	753.93600	1126.16000	1.97669	.00000	.00000	1436.95000	838.60500	-1.23857
1.400	4.002	1747.50000	548.93100	753.41800	1125.39000	2.01635	.00000	.00000	1391.81000	912.16600	-.97699
1.399	6.067	1749.89999	550.50100	754.43700	1126.58000	2.08551	.00000	.00000	1336.56000	984.35700	-.69939
1.400	8.005	1754.50000	551.07400	756.43800	1129.92999	2.04772	.00000	.00000	1285.50000	1048.16000	-.46367
1.400	10.062	1751.70000	550.59200	755.22200	1127.95000	2.06657	.00000	.00000	1227.94000	1109.75000	-.23047
1.399	11.982	1746.80000	549.32900	753.10400	1124.67999	1.97922	.00000	.00000	1170.23000	1158.00000	-.02386
1.400	13.953	1749.39999	549.91100	754.23000	1126.45000	1.99731	.00000	.00000	1112.69000	1214.84000	.20008
1.400	15.999	1750.80000	550.30000	754.83500	1127.38000	2.02063	.00000	.00000	1048.67999	1277.60001	.45109
1.400	17.976	1752.39999	550.78700	755.52500	1128.41000	2.03245	.00000	.00000	987.14200	1333.00000	.67396
	GRADIENT	-.90025	-.27607	-.38832	-.58411	.01839	.00000	.00000	-22.25278	34.29490	.14200

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.549	-1.816	1602.30000	406.54500	682.60600	1057.35001	1.87177	.00000	.00000	1316.49001	604.48000	-1.71550
1.550	.129	1600.20000	405.16700	681.54200	1056.02000	1.85364	.00000	.00000	1283.10001	657.04600	-1.44933
1.551	2.137	1598.70000	404.57900	680.86200	1055.03999	1.87140	.00000	.00000	1248.78000	718.42300	-1.19888
1.550	4.139	1596.89999	404.58700	680.18800	1053.82001	1.88668	.00000	.00000	1210.31000	775.39500	-.96168
1.550	6.194	1596.89999	404.68600	680.20800	1053.81000	1.94955	.00000	.00000	1168.69000	834.81400	-.72779
1.550	8.094	1602.70000	405.94900	682.63700	1057.66000	1.95764	.00000	.00000	1125.25000	890.09500	-.50282
1.550	10.106	1604.89999	406.33500	683.54000	1059.12000	1.95235	.00000	.00000	1081.77000	950.41800	-.28100
1.550	11.921	1599.80000	405.46600	681.45300	1055.73000	2.02005	.00000	.00000	1030.08000	992.63800	-.07955
1.551	13.891	1598.30000	404.28300	680.65200	1054.78999	2.06119	.00000	.00000	973.33200	1045.80000	.15429
1.550	15.882	1599.89999	404.97000	681.39000	1055.83000	2.07760	.00000	.00000	918.26700	1100.34000	.38931
1.550	17.910	1601.30000	405.75700	682.07300	1056.73000	2.10242	.00000	.00000	864.38200	1155.98000	.63501
	GRADIENT	-.89011	-.32407	-.39881	-.58190	.00317	.00000	.00000	-17.75549	28.88962	.12635

OA232 AEDC 16T TF431 LA .2A RFN.IS (CVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.260	7.995	1750.70000	666.81100	741.15900	1058.78000	.04279	.00000	.00000	1342.42000	1052.57001	-.56481
1.260	11.981	1749.20000	666.52200	740.46600	1057.67999	.05197	.00000	.00000	1219.56000	1182.44000	-.07094
1.261	15.954	1749.20000	665.82800	740.60900	1058.17000	.03738	.00000	.00000	1087.00999	1315.75999	.44304
1.260	17.997	1752.89999	667.49200	742.12300	1060.23000	.04313	.00000	.00000	1017.17000	1381.89999	.71625
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.280	7.973	1751.00000	649.06900	744.73800	1071.53000	.02796	.00000	.00000	1335.32001	1049.85001	-.55554
1.279	12.004	1750.39999	649.66700	744.33500	1070.60001	.03705	.00000	.00000	1211.64000	1177.59000	-.06467
1.280	16.026	1750.50000	649.27000	744.45600	1070.96001	.02301	.00000	.00000	1079.39000	1312.09000	.44656
1.281	17.973	1751.10001	648.77100	744.84100	1071.81000	.02022	.00000	.00000	1013.19000	1374.70000	.70949
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.300	7.980	1751.60001	632.33000	747.84100	1083.19000	.02181	.00000	.00000	1333.12000	1041.80000	-.56165
1.299	12.031	1752.89999	633.11500	748.34700	1083.78999	.02820	.00000	.00000	1212.88000	1172.75000	-.07596
1.300	15.998	1752.00000	632.72400	747.97300	1083.27000	.01741	.00000	.00000	1081.28000	1303.64999	.42760
1.299	18.005	1752.00000	632.82300	747.95800	1083.21001	.01597	.00000	.00000	1010.05000	1366.74001	.69398
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.321	7.999	1748.89999	613.74100	749.18500	1092.57001	.01218	.00000	.00000	1326.64000	1034.78000	-.56673
1.320	11.971	1748.00000	613.74500	748.75900	1091.81000	.02323	.00000	.00000	1203.44000	1158.77000	-.08477
1.320	16.033	1754.60001	616.48300	751.53100	1095.67999	.01317	.00000	.00000	1077.42000	1297.17999	.41765
1.320	17.990	1750.30000	614.72300	749.72200	1093.14000	.01124	.00000	.00000	1009.05000	1356.83000	.67792
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.340	7.967	1755.39999	599.76800	753.84300	1106.17000	.00302	.00000	.00000	1328.53999	1034.14999	-.56927
1.341	12.003	1748.20000	596.83600	750.79900	1101.89999	.01522	.00000	.00000	1199.31000	1156.16000	-.08169
1.340	16.031	1747.50000	597.33300	750.42300	1101.03999	.00754	.00000	.00000	1071.85001	1283.81000	.40299
1.340	17.999	1751.89999	598.20200	752.37700	1104.17000	.00102	.00000	.00000	1009.20000	1350.64999	.66150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (CVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.360	7.963	1751.80000	582.19400	753.74800	1112.82001	-.01273	.00000	.00000	1320.25000	1028.61000	-.56607
1.360	12.007	1747.80000	580.72900	752.03700	1110.35001	-.01788	.00000	.00000	1202.24001	1149.28000	-.10080
1.361	16.017	1751.20000	581.50500	753.52600	1112.70000	-.00678	.00000	.00000	1075.52000	1276.92000	.38203
1.361	18.000	1753.39999	582.18700	754.47700	1114.12000	-.00465	.00000	.00000	1011.38000	1344.16000	.64593
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.380	7.969	1754.30000	567.07000	755.80800	1122.42999	-.03249	.00000	.00000	1317.05000	1027.00000	-.56446
1.380	11.979	1751.10001	565.89900	754.43600	1120.45000	-.01570	.00000	.00000	1202.16000	1144.59000	-.10993
1.380	16.017	1750.20000	565.60600	754.04800	1119.88000	-.02373	.00000	.00000	1071.96001	1265.98000	.36900
1.380	17.982	1754.70000	567.46400	755.96800	1122.56000	-.02411	.00000	.00000	1011.82000	1335.30000	.62885
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.400	7.959	1753.20000	550.58600	755.87900	1129.12000	-.04207	.00000	.00000	1309.64000	1025.47000	-.60681
1.400	11.972	1752.80000	551.18000	755.69200	1128.55000	-.02891	.00000	.00000	1197.20000	1139.59000	-.12015
1.401	15.967	1749.39999	549.31900	754.24200	1126.71001	-.03620	.00000	.00000	1072.75000	1259.13000	.39503
1.400	18.000	1750.39999	549.70900	754.67100	1127.32001	-.03889	.00000	.00000	1005.71000	1323.00999	.68066
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
1.451	8.074	1749.50000	511.71200	753.68800	1141.00000	-.12694	.00000	.00000	1289.05000	1003.19000	-.63758
1.450	11.939	1751.60001	512.88800	754.62200	1142.19000	-.05444	.00000	.00000	1183.69000	1122.61000	-.13427
1.450	16.053	1748.10001	511.61900	753.10100	1139.99001	-.11582	.00000	.00000	1059.19000	1234.50000	.38846
1.450	18.065	1749.89999	512.00700	753.86900	1141.21001	-.11545	.00000	.00000	997.33900	1299.61000	.68248
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (CVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.199	-3.797	3676.89999	3576.70001	99.21710	100.19500	.10715	.00000	.00000	3669.23001	3494.32001	-3.81354
.200	-1.827	3675.00000	3574.38000	99.62430	100.61700	.10769	.00000	.00000	3661.63000	3507.98001	-2.84584
.199	.128	3674.70001	3574.39001	99.32260	100.30100	.10926	.00000	.00000	3651.04001	3519.98999	-2.05855
.200	2.188	3675.00000	3573.76001	100.22800	101.23400	.11057	.00000	.00000	3641.98999	3531.73999	-1.54623
.200	4.178	3673.50000	3572.54001	99.95830	100.95400	.11165	.00000	.00000	3633.97000	3542.56000	-1.21680
.201	6.184	3678.10001	3576.04001	101.03700	102.05200	.11272	.00000	.00000	3630.41000	3559.48001	-.90986
.200	8.191	3678.20001	3577.17999	100.01800	101.01300	.11390	.00000	.00000	3616.60999	3572.54001	-.53864
.200	10.196	3679.39999	3578.10001	100.28700	101.29500	.11508	.00000	.00000	3606.73999	3586.92001	-.24023
.201	12.206	3669.79999	3567.87000	100.90700	101.92800	.11617	.00000	.00000	3583.78000	3589.85001	.07302
.201	14.201	3670.29999	3568.23001	101.04200	102.06100	.11743	.00000	.00000	3569.89999	3602.45001	.39176
.201	16.191	3679.50000	3577.67999	100.79700	101.80600	.11849	.00000	.00000	3563.85999	3625.26999	.75225
	GRADIENT	-.33961	-.44728	.10496	.10743	.00060	.00000	.00000	-4.51559	6.02091	.32479

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.249	-3.792	2383.89999	2283.31000	99.04290	100.58300	.10600	.00000	.00000	2377.56000	2199.59000	-3.80893
.250	-1.773	2385.00000	2283.69000	99.74210	101.30100	.10662	.00000	.00000	2372.67999	2217.54001	-2.90649
.250	.184	2384.50000	2283.26999	99.67090	101.23400	.10813	.00000	.00000	2361.59000	2232.82001	-2.09491
.250	2.014	2384.20001	2282.73999	99.89340	101.46300	.04949	.00000	.00000	2352.01001	2243.75000	-1.57438
.250	4.008	2383.70001	2281.97000	100.14600	101.71800	.05110	.00000	.00000	2345.89999	2255.57001	-1.24648
.249	6.214	2380.70001	2279.91000	99.23340	100.77900	.11235	.00000	.00000	2333.75000	2265.53000	-.89599
.249	8.120	2385.10001	2284.45001	99.10430	100.64100	.11321	.00000	.00000	2326.59000	2282.25000	-.56364
.249	10.135	2388.39999	2287.84000	99.01520	100.55500	.11312	.00000	.00000	2318.20001	2298.07999	-.25228
.248	12.159	2390.10001	2290.06000	98.51980	100.03700	.11290	.00000	.00000	2307.87000	2312.31000	.05587
.248	14.153	2389.79999	2289.82999	98.44890	99.96340	.11259	.00000	.00000	2294.50000	2323.89999	.37183
.247	16.205	2382.39999	2283.14999	97.74580	99.24940	.11093	.00000	.00000	2272.76999	2329.25000	.73025
	GRADIENT	-.06033	-.18615	.12207	.12592	-.00853	.00000	.00000	-4.32570	7.13357	.33343

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (CVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.398	-3.955	1996.20000	1790.05000	198.19300	206.14800	.08474	.00000	.00000	1981.69000	1624.77000	-4.02026
.398	-1.919	1994.39999	1788.10001	198.32400	206.29900	.08234	.00000	.00000	1968.92999	1656.67999	-3.04887
.399	.045	1993.30000	1786.22000	199.03500	207.08200	.08365	.00000	.00000	1947.00999	1682.37000	-2.19261
.400	2.049	1992.50000	1784.64000	199.74800	207.85900	.08145	.00000	.00000	1925.66000	1705.34000	-1.60582
.401	4.068	1991.80000	1783.14999	200.47000	208.64500	.08041	.00000	.00000	1914.81000	1729.70000	-1.28655
.401	6.054	1991.60001	1783.05000	200.37500	208.54300	.08020	.00000	.00000	1893.47000	1752.62000	-.92100
.401	10.066	1991.89999	1782.56000	201.10300	209.33600	.08022	.00000	.00000	1846.03000	1805.86000	-.25142
.401	14.041	1991.39999	1782.14999	201.02400	209.24800	.08049	.00000	.00000	1793.84000	1855.06000	.38527
.400	18.068	1991.30000	1783.22000	199.94800	208.08000	.08197	.00000	.00000	1733.72000	1904.00999	1.12559
	GRADIENT	-.53475	-.86240	.29857	.32734	-.00048	.00000	.00000	-8.84140	12.91888	.34524

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (CVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.601	-1.984	2111.70001	1653.92000	418.56400	457.77500	-.03546	.00000	.00000	2052.47000	1376.19000	-2.66417
.602	2.113	2116.70001	1656.97000	420.26800	459.72400	-.03681	.00000	.00000	1969.11000	1500.46001	-1.47901
.603	6.096	2111.60001	1651.49001	420.47600	460.10800	-.03828	.00000	.00000	1900.71001	1602.75000	-.87720
.603	10.092	2119.50000	1657.42000	422.25000	462.07800	-.03644	.00000	.00000	1810.09000	1719.77000	-.25525
.602	14.084	2118.20001	1659.57001	420.22100	459.63400	-.03439	.00000	.00000	1700.96001	1825.42000	.35247
.600	18.076	2117.60001	1660.10001	418.45700	457.49300	-.02931	.00000	.00000	1578.61000	1925.30000	.99707
	GRADIENT	1.22026	.74436	.41586	.47566	-.00033	.00000	.00000	-20.34417	30.32833	.28924

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (CVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.701	-1.948	2115.10001	1523.92000	523.70800	591.17400	-.00591	.00000	.00000	2037.94000	1178.64000	-2.56890
.703	2.092	2115.89999	1521.57001	526.11000	594.32400	-.00562	.00000	.00000	1924.53999	1339.99001	-1.45063
.702	6.062	2115.79999	1521.98000	525.72400	593.81400	-.00736	.00000	.00000	1853.62000	1476.88000	-.88556
.701	10.088	2117.00000	1525.00000	524.39700	591.99900	-.00223	.00000	.00000	1736.44000	1618.31000	-.26914
.699	14.026	2116.60001	1526.73000	522.77300	589.86400	.00045	.00000	.00000	1602.62000	1749.49001	.33466
.696	18.000	2116.29999	1530.78999	519.46300	585.50300	.00102	.00000	.00000	1454.24001	1871.92000	.95894
	GRADIENT	.19805	-.58179	.59466	.77984	.00007	.00000	.00000	-28.07452	39.94553	.27685

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (CVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.800	8.002	2116.00000	1388.52000	621.63200	727.48100	.04638	.00000	.00000	1745.37000	1450.71001	-.58282
.800	12.022	2117.20001	1389.50999	621.84600	727.68600	.04638	.00000	.00000	1597.45000	1608.35001	.02115
.800	16.027	2117.39999	1389.20000	622.20300	728.19600	.04795	.00000	.00000	1434.17999	1759.37000	.63528
.799	18.019	2117.39999	1389.91000	621.72100	727.49000	.05142	.00000	.00000	1346.03999	1827.42999	.94375
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (CVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PT	P	Q	QC	BETA	PTA	PSA	PAU	PAL	RAX
.599	-4.003	3264.20001	2562.13000	642.45900	702.06700	-.03027	2956.64001	2549.10001	.00000	.00000	.00000
.599	-1.912	3268.00000	2563.66000	644.39400	704.32900	-.03319	3044.04999	2579.51999	.00000	.00000	.00000
.599	.098	3267.29999	2563.26999	644.12500	704.01900	-.03622	3111.17001	2624.97000	.00000	.00000	.00000
.599	2.071	3267.29999	2563.37000	644.04200	703.92500	-.03665	3164.51001	2663.62000	.00000	.00000	.00000
.600	4.096	3267.89999	2561.53000	646.06100	706.36600	-.04260	3206.13000	2676.01001	.00000	.00000	.00000
.599	6.060	3267.20001	2563.48001	643.87200	703.71900	-.04286	3235.98999	2684.41000	.00000	.00000	.00000
.600	8.066	3272.79999	2565.98999	646.52100	706.80300	-.04220	3261.98999	2694.17999	.00000	.00000	.00000
.600	10.055	3269.89999	2564.01999	645.69500	705.87300	-.04178	3268.82001	2694.67001	.00000	.00000	.00000
.599	12.082	3268.39999	2565.17999	643.48600	703.21900	-.04122	3268.54001	2694.45001	.00000	.00000	.00000
.598	14.035	3268.50000	2566.91000	642.15100	701.58300	-.03831	3265.82999	2692.20001	.00000	.00000	.00000
.599	16.091	3272.29999	2567.82999	644.58800	704.46600	-.03812	3256.66000	2688.23001	.00000	.00000	.00000
	GRADIENT	.33525	-.07205	.34081	.40750	-.00139	30.72530	16.74197	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (DVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.202	-3.800	.12342	.61735	-.18575	.04541	.06843	.09228	.11681	.12874	.16364	.41435
.200	-1.769	.11931	.58612	-.14392	.07892	.09550	.11530	.12817	.14261	.16680	.35339
.200	.186	.11558	.67956	-.08102	.11780	.12968	.14110	.14710	.16221	.17795	.30529
.200	2.183	.11190	.84793	-.01576	.13617	.15562	.15728	.15876	.17468	.18216	.25249
.201	4.203	.10783	.83276	.04679	.15875	.16827	.16468	.16315	.17521	.17813	.19245
.200	6.211	.10813	.80261	.10538	.16678	.17711	.16619	.15835	.16974	.17118	.14627
.200	8.188	.10780	.89818	.16556	.16500	.17381	.15964	.15056	.15739	.15733	.09701
.200	10.192	.11433	.94479	.22010	.14468	.15581	.13327	.12568	.12420	.12717	.04173
.200	12.199	.10878	.94540	.28540	.13338	.14834	.12120	.11512	.10909	.11056	-.00609
.200	14.190	.11150	.92216	.35459	.11473	.13276	.09954	.09801	.08439	.09269	-.04668
.200	16.206	.11339	.87736	.41217	.07666	.10922	.06296	.06827	.04776	.06143	-.09356
.199	18.545	.11660	.82318	.48266	.02184	.06063	.01423	.02641	-.00327	.01652	-.14938
	GRADIENT	-.00193	.03484	.02972	.01422	.01301	.00935	.00617	.00626	.00222	-.02730

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (DVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.250	-3.994	.04844	.62301	-.18310	.05750	.06967	.10061	.11928	.13512	.16380	.41394
.251	-1.991	.04767	.60107	-.12308	.10328	.11245	.13468	.14466	.16184	.18248	.36969
.251	-.002	.04780	.67760	-.06885	.13657	.13854	.15370	.15582	.17376	.18442	.31403
.252	2.006	.04717	.84458	-.00402	.15738	.16215	.16869	.16653	.18435	.18924	.25895
.252	4.003	.04770	.83341	.05220	.17163	.17494	.17440	.16797	.18223	.18214	.19853
.252	6.015	.04789	.80092	.10784	.18036	.17726	.16821	.16180	.17816	.17312	.14976
.252	8.011	.04951	.90028	.17059	.17645	.17762	.16575	.15440	.16294	.15792	.10134
.249	10.215	.10299	.95997	.23469	.16965	.17087	.15435	.14272	.14493	.14197	.05788
.248	12.197	.09944	.95372	.29298	.15398	.15888	.13569	.12619	.12257	.12180	.00661
.248	14.193	.09332	.92259	.35170	.12851	.13634	.10880	.10151	.09279	.09276	-.04554
.248	16.215	.12333	.88594	.41347	.09335	.11148	.07580	.07506	.05755	.06484	-.09209
.248	18.193	.09355	.84791	.47543	.05765	.08018	.04016	.04380	.02195	.03361	-.13175
.248	18.546	.09286	.84332	.48893	.04917	.07172	.03386	.03605	.01564	.02512	-.13956
	GRADIENT	-.00010	.03323	.02949	.01412	.01302	.00908	.00596	.00584	.00217	-.02709

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.398	-3.921	.09254	.62736	-.18405	.05875	.07575	.10195	.12554	.13974	.17163	.42188
.399	-1.992	.08904	.60334	-.12771	.09945	.11179	.13216	.14500	.16063	.18277	.37265
.400	.004	.08506	.69904	-.06843	.13869	.14277	.15842	.16071	.18016	.19054	.32131
.401	1.955	.08228	.85669	-.00530	.15357	.16571	.16896	.17048	.18521	.19324	.26710
.402	4.038	.07868	.84389	.05983	.17494	.18278	.17911	.17483	.18916	.19061	.20726
.402	6.021	.07456	.80291	.11752	.18304	.19007	.17834	.17331	.18259	.18289	.15641
.402	8.027	.07702	.92544	.17667	.17918	.18545	.17027	.16255	.16874	.16905	.10878
.402	10.060	.07771	.98212	.24035	.16731	.17474	.15342	.14534	.14384	.14493	.05978
.403	12.046	.07004	.97491	.30075	.15358	.16217	.13628	.12860	.12288	.12513	.01065
.403	14.047	.06997	.94789	.36417	.12985	.14456	.11107	.10761	.09425	.10033	-.03913
.404	16.044	.06871	.91255	.42477	.09829	.11911	.08149	.08072	.06093	.07081	-.08573
.404	18.457	.06756	.86048	.49824	.04786	.07866	.03337	.04023	.01355	.02956	-.13771
	GRADIENT	-.00173	.03452	.03072	.01440	.01347	.00960	.00623	.00619	.00242	-.02693

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (DVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.600	-3.926	-.04180	.66659	-.17682	.08000	.09218	.12458	.14230	.16442	.19097	.44614
.600	-1.919	-.04183	.63467	-.11487	.12351	.13017	.15563	.16336	.18622	.20301	.39381
.600	.047	-.02173	.72640	-.05527	.15855	.15923	.17626	.17783	.19931	.20946	.34127
.600	2.062	-.04339	.87765	.01007	.17521	.18110	.18881	.18581	.20730	.20993	.28340
.600	4.067	-.02457	.86665	.07436	.19519	.19603	.19829	.18959	.20858	.20529	.22406
.601	6.039	-.03523	.82124	.13280	.20266	.20484	.19757	.18914	.20122	.19886	.17169
.602	8.092	-.03356	.97583	.19561	.19813	.20077	.18850	.17735	.18602	.18457	.12086
.599	10.057	-.03304	1.02982	.25780	.18679	.18970	.17047	.15947	.15975	.15807	.07173
.600	12.033	-.02579	1.02545	.31934	.17128	.17833	.15177	.14328	.13669	.13777	.01961
.599	14.076	-.01852	.99806	.38137	.14970	.16093	.12716	.12140	.10859	.11382	-.03266
.598	16.041	-.04037	.97009	.44600	.12116	.13778	.09994	.09601	.07761	.08426	-.07891
.599	18.555	-.03640	.91819	.52458	.07088	.09522	.05119	.05279	.02720	.03862	-.13621
	GRADIENT	.00164	.03220	.03142	.01412	.01295	.00904	.00586	.00548	.00178	-.02778

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.698	-4.032	.02723	.69266	-.16708	.09764	.10987	.14364	.16166	.18442	.21250	.46989
.700	-1.862	-.01281	.65284	-.09830	.14519	.14961	.17804	.18305	.20895	.22359	.41243
.702	.106	-.01359	.73165	-.03657	.18069	.17781	.19946	.19621	.22275	.22865	.35929
.702	2.124	.00724	.88083	.03018	.19650	.19981	.20807	.20421	.22558	.22908	.30170
.702	4.128	-.01371	.87096	.09543	.21382	.21388	.21732	.20706	.22776	.22324	.24094
.702	6.108	.00084	.82380	.15200	.22003	.22230	.21530	.20580	.21894	.21622	.18590
.701	8.109	-.00470	.98711	.21409	.21678	.21965	.20702	.19571	.20402	.20251	.13579
.701	10.053	-.00545	1.06354	.27566	.20447	.20816	.18890	.17802	.17767	.17698	.08704
.700	12.059	.00385	1.06361	.33997	.19138	.19754	.17090	.16139	.15437	.15550	.03264
.698	14.072	-.00970	1.03875	.40350	.17121	.18123	.14772	.14083	.12734	.13314	-.02121
.697	16.054	-.00664	1.00705	.46573	.14256	.15876	.11896	.11488	.09482	.10208	-.06872
.700	18.597	-.00415	.96176	.54679	.09444	.11911	.07281	.07320	.04597	.05726	-.12938
	GRADIENT	-.00311	.02861	.03218	.01401	.01274	.00877	.00553	.00512	.00135	-.02799

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (DVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.797	-4.033	.03576	.72517	-.13901	.13015	.14057	.17640	.19229	.21761	.24384	.49648
.800	-1.961	.03773	.67858	-.07200	.17512	.17884	.21013	.21372	.24106	.25585	.44283
.801	.024	.03749	.72980	-.00934	.21021	.20679	.23083	.22661	.25450	.25964	.39026
.802	1.998	.03620	.88195	.05682	.22537	.22810	.23891	.23395	.25660	.26029	.33355
.799	4.038	.05047	.88919	.12417	.24287	.24321	.24659	.23464	.25743	.25345	.27294
.799	5.997	.05202	.82926	.17941	.24853	.25106	.24438	.23499	.24843	.24629	.21506
.799	8.010	.04222	1.00351	.24062	.24533	.24970	.23549	.22518	.23258	.23155	.16122
.799	10.015	.04615	1.10112	.30520	.23423	.23859	.21806	.20816	.20622	.20721	.11295
.798	11.997	.05414	1.10712	.36825	.22149	.22954	.20053	.19245	.18337	.18657	.05792
.799	14.004	.03374	1.08575	.43181	.20410	.21401	.17987	.17216	.15794	.16280	.00234
.799	15.993	.04293	1.05674	.49601	.17743	.19449	.15232	.14846	.12640	.13620	-.04968
.800	17.991	.04556	1.02364	.55956	.14303	.16744	.11813	.11865	.08928	.10166	-.09788
	GRADIENT	.00139	.02631	.03259	.01373	.01267	.00843	.00523	.00474	.00118	-.02767

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (DVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.599	-3.401	-.21175	.67870	-.14983	.10775	.09317	.14970	.13591	.18712	.18015	.42892
.598	-1.403	-.16908	.63504	-.09264	.14675	.13302	.17581	.15972	.20404	.19592	.38011
.599	.646	-.12516	.79224	-.03117	.17271	.16238	.18889	.17488	.20769	.20255	.32170
.599	2.654	-.08287	.88655	.03358	.18669	.18412	.19369	.18428	.20972	.20505	.26480
.599	4.671	-.04033	.84319	.09514	.19942	.20049	.19333	.18964	.20831	.20247	.20712
.600	6.702	.00224	.86445	.15387	.20321	.20655	.19557	.18639	.19696	.19481	.15214
	GRADIENT	.02124	.02878	.03050	.01105	.01315	.00580	.00653	.00238	.00266	-.02767

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (DVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.402	8.090	.07801	.92856	.17718	.18047	.18251	.16923	.15920	.16732	.16571	.10420
.402	10.029	.07122	.98170	.23912	.17253	.17420	.15594	.14554	.14634	.14513	.05989
.398	12.103	.07898	.97406	.30103	.15404	.16165	.13439	.12888	.12186	.12533	.00590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.205	-1.736	.10781	.98814	-.17296	.05592	.07993	.08759	.11504	.11232	.15006	.33224
.203	.234	.10590	1.00583	-.10961	.09287	.10751	.11184	.12858	.13072	.16358	.28199
.201	2.291	.10653	1.01167	-.04144	.11637	.13197	.12571	.13919	.13851	.16128	.22555
.199	4.149	.10717	1.00144	.00791	.13196	.13914	.13130	.13557	.13780	.14793	.16691
.198	6.163	.10813	.99570	.07835	.14483	.15127	.13760	.13676	.13826	.14402	.11849
.199	8.167	.10866	.97321	.14492	.15010	.15360	.13855	.13336	.13340	.13477	.06801
.199	10.177	.10863	.94973	.21124	.14291	.14788	.12475	.12175	.11595	.12026	.01614
.200	12.191	.10791	.89961	.26926	.12661	.13011	.10718	.09917	.09487	.09482	-.04001
.200	14.188	.10786	.84738	.33095	.10337	.10901	.08334	.07541	.06826	.06751	-.08500
.200	16.186	.10768	.79312	.39586	.07199	.08340	.05408	.04975	.03756	.03970	-.13590
	GRADIENT	-.00007	.00236	.03101	.01279	.01029	.00738	.00370	.00430	-.00041	-.02801

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.249	-1.876	.11068	.99716	-.15915	.07706	.09134	.11153	.12588	.13597	.16607	.36223
.252	.057	.05129	1.00990	-.09378	.11125	.11888	.13243	.13806	.14729	.17197	.29648
.250	1.995	.05179	1.02851	-.02778	.14462	.15229	.15529	.15598	.16317	.18241	.25470
.250	4.120	.11117	1.01872	.03025	.15677	.16230	.15958	.15452	.16103	.17676	.19980
.249	6.124	.11102	1.00670	.09254	.16549	.16814	.15965	.15313	.15750	.16752	.14521
.250	8.170	.11119	.97821	.15877	.16540	.17162	.15314	.15025	.14814	.16026	.09363
.250	10.164	.11133	.94949	.21601	.15667	.16075	.14081	.13146	.12790	.13717	.03530
.250	12.193	.11155	.91623	.28411	.14394	.15304	.12524	.12021	.10948	.12162	-.01522
.250	14.177	.11119	.87252	.35063	.12775	.13690	.10616	.10328	.08894	.09896	-.06537
.251	15.988	.05039	.80941	.40843	.09341	.11037	.07558	.07415	.05494	.06987	-.11377
	GRADIENT	.00039	.00411	.03179	.01360	.01230	.00833	.00516	.00452	.00209	-.02653

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.396	-3.998	.07576	.99673	-.21805	.03881	.06327	.08623	.11421	.11858	.15956	.41294
.397	-1.853	.07473	1.02322	-.15297	.08287	.10211	.11601	.13523	.13999	.17024	.35413
.398	.077	.07433	1.03515	-.09110	.11449	.13046	.13570	.14893	.15367	.17669	.30240
.398	2.150	.07357	1.04373	-.02461	.14216	.15297	.15277	.15774	.16286	.17761	.24595
.399	4.000	.07232	1.03973	.03421	.15884	.16691	.16047	.16192	.16587	.17554	.19625
.399	6.023	.07741	1.02784	.10072	.17045	.17459	.16429	.15989	.16344	.16763	.14314
.399	8.015	.07766	1.00952	.16544	.17256	.17632	.16133	.15342	.15541	.15572	.09028
.399	10.050	.07656	.97850	.23082	.16620	.16919	.14988	.14042	.13967	.13843	.03705
.400	12.038	.08017	.94179	.29320	.15260	.15869	.13398	.12573	.11915	.11870	-.01580
.400	14.016	.08562	.89559	.35407	.13057	.14175	.11038	.10526	.09322	.09629	-.06704
.399	16.046	.08973	.83520	.41863	.09983	.11886	.07996	.08031	.06082	.06899	-.11776
	GRADIENT	-.00040	.00538	.03164	.01501	.01295	.00930	.00593	.00590	.00199	-.02708

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.597	-3.912	-.03110	1.05343	-.21268	.05540	.09046	.10332	.13189	.13748	.17861	.43598
.598	-1.986	-.03398	1.07367	-.15119	.09417	.12117	.12882	.15309	.15515	.19125	.38165
.599	.064	-.03601	1.08855	-.08224	.12916	.14421	.15072	.16375	.16950	.19672	.32627
.599	2.044	-.03658	1.09755	-.01707	.15593	.16644	.16644	.17396	.17871	19542	.27254
.600	4.048	-.03948	1.09215	.04829	.17388	.18214	.17564	.17794	.18084	.20250	.21678
.600	6.067	-.04003	1.07851	.11678	.18521	.19094	.17978	.17641	.17963	.18973	.16324
.600	8.052	-.03974	1.06161	.18374	.18848	.19204	.18688	.16880	.16968	.17077	.11349
.599	10.064	-.03939	1.03301	.24948	.18350	.18708	.16731	.15738	.15457	.15517	.06195
.599	12.054	-.03830	.99830	.31367	.17107	.17702	.15020	.14245	.13444	.13589	.01247
.599	14.089	-.03841	.94965	.37785	.15009	.15991	.12707	.12253	.10765	.12201	-.04344
.598	16.036	-.03823	.89748	.44116	.12168	.13680	.09892	.09554	.09573	.09401	-.09584
	GRADIENT	-.00097	.00507	.03289	.01497	.01145	.00913	.00565	.00552	.00260	-.02744

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.699	-1.948	-.00568	1.11176	-.13577	.13034	.14465	.16069	.17544	.17950	.21478	.40141
.700	.086	-.00576	1.12314	-.06754	.15970	.15836	.17411	.18856	.20807	.21473	.34489
.701	2.068	-.00435	1.12733	-.00088	.17795	.18071	.19314	.19379	.21585	.22289	.28909
.701	4.043	-.00724	1.12532	.06602	.19469	.19713	.20724	.19263	.20987	.22118	.23554
.702	6.053	-.00528	1.11348	.13335	.20449	.20554	.20891	.19079	.19989	.20144	.18068
.702	8.087	-.00535	1.09594	.20207	.20821	.21665	.19565	.18684	.19156	.18927	.12673
.701	10.054	-.00446	1.06905	.26803	.20231	.20584	.18423	.18461	.18328	.17414	.07522
.700	12.048	-.00496	1.03474	.33203	.20167	.19629	.16862	.17147	.15120	.16773	.02265
.699	14.091	-.00420	.98838	.39756	.18083	.17987	.14783	.14257	.12375	.14186	-.03061
.698	16.021	.00308	.93681	.45952	.14323	.15902	.13199	.11582	.09570	.11484	-.07847
	GRADIENT	-.00016	.00226	.03368	.01060	.00901	.00795	.00286	.00498	.00137	-.02773

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.800	-1.928	.05483	1.15796	-.10612	.14646	.17680	.18075	.21052	.20873	.25033	.42918
.800	.088	.05206	1.16901	-.03794	.18938	.19211	.20027	.22204	.21956	.24552	.37268
.800	1.962	.05047	1.17277	.02538	.20840	.22398	.22185	.22643	.22673	.25372	.32005
.799	3.918	.04433	1.16989	.09072	.21954	.23926	.22915	.23326	.24295	.24975	.26611
.800	5.929	.04650	1.16067	.15863	.23107	.23526	.22609	.22973	.23443	.24135	.21153
.800	7.964	.04279	1.14199	.22736	.23470	.23901	.22241	.21667	.22751	.21812	.15628
.800	9.998	.04286	1.11589	.29590	.23063	.24177	.21266	.21180	.20004	.21347	.10103
.800	11.984	.04583	1.08334	.35973	.22017	.22727	.19800	.20133	.18028	.19501	.04729
.800	13.984	.05037	1.04103	.42548	.20146	.21426	.17649	.18076	.15471	.17167	-.00777
.800	16.014	.05429	.99007	.49098	.17602	.19396	.15056	.14778	.12426	.14322	-.06115
	GRADIENT	-.00170	.00205	.03368	.01231	.01127	.00859	.00375	.00566	.00032	-.02791

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.850	-1.986	.06616	1.18195	-.08491	.16824	.19988	.20221	.23440	.23047	.27456	.45164
.850	-.060	.11948	1.19186	-.02076	.20847	.21294	.22037	.24398	.24038	.26931	.39903
.850	1.941	.03653	1.19587	.04624	.23126	.24553	.24327	.24784	.24824	.27553	.34267
.850	3.959	.04526	1.19222	.11380	.24080	.26066	.25065	.25477	.26424	.27131	.28570
.850	5.921	.04847	1.18292	.17948	.25103	.25804	.24640	.25269	.25968	.26417	.23266
.850	7.977	.10302	1.16538	.24884	.25496	.26304	.24309	.24149	.24869	.24023	.17633
.850	9.994	.10677	1.14013	.31567	.25118	.26747	.23325	.23750	.22028	.23494	.12073
.850	12.000	.05483	1.10860	.38105	.24088	.25017	.21882	.22308	.20044	.21740	.06559
.850	13.998	.09916	1.06847	.44618	.22476	.23741	.19936	.20471	.17657	.19374	.01070
.850	16.000	.04033	1.01987	.51052	.20143	.21886	.17459	.17175	.14769	.16684	-.04399
.850	18.007	.04174	.96131	.57659	.16897	.19344	.14225	.14311	.11269	.12483	-.09802
	GRADIENT	-.00743	.00174	.03343	.01209	.01084	.00847	.00327	.00551	-.00017	-.02794

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.902	-3.966	.12589	1.18814	-.11310	.16675	.20218	.21514	.25222	.26545	.30183	.53753
.903	-2.086	.11509	1.20648	-.05089	.20727	.23238	.23584	.26627	.26445	.30692	.48619
.902	-.097	.10329	1.21730	.01473	.24165	.24497	.25367	.27609	.27336	.30181	.43074
.898	1.907	.12601	1.21928	.07771	.26345	.26101	.27260	.27678	.27726	.30414	.37230
.900	3.946	.12018	1.21574	.14518	.27416	.27643	.28136	.27326	.29336	.29975	.31593
.900	5.975	.08075	1.20632	.21315	.28139	.28866	.28738	.27155	.28821	.29118	.26163
.899	7.994	.10163	1.18769	.27863	.28322	.29121	.28338	.26521	.27848	.26646	.20686
.896	10.011	.09172	1.16251	.34334	.27799	.29318	.26421	.26274	.24726	.24875	.14941
.901	12.003	.04963	1.13437	.41037	.27212	.27891	.24987	.25133	.23119	.24515	.09726
.898	14.024	.07039	1.09399	.47403	.25408	.26455	.22845	.23203	.20528	.22040	.03882
.895	15.974	.06310	1.04515	.53542	.23073	.24553	.20329	.19849	.19258	.19238	-.01836
.896	18.011	.05068	.98977	.60299	.20115	.22173	.17337	.17131	.16035	.15785	-.07488
	GRADIENT	.00000	.00340	.03256	.01363	.00892	.00852	.00263	.00348	-.00036	-.02812

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.949	-1.976	.07630	1.23478	-.00594	.24281	.26845	.27529	.30238	.30344	.34220	.52124
.950	-.019	.02780	1.24428	.05748	.28005	.28201	.29236	.31179	.31189	.33608	.46772
.950	1.978	.08004	1.24746	.11954	.30237	.31151	.31090	.31382	.31960	.34104	.41033
.951	3.955	.03080	1.24568	.18421	.31100	.32602	.31906	.32005	.33172	.33643	.35477
.950	6.019	.07584	1.23511	.25039	.31717	.32864	.31154	.31514	.32441	.32614	.29549
.949	7.955	.07353	1.21886	.31356	.31947	.33361	.30768	.30800	.31359	.31128	.24130
.949	9.976	.07278	1.19651	.37909	.31605	.33299	.29876	.29977	.28521	.29736	.18461
.950	12.045	.06039	1.16289	.44305	.30604	.31365	.28394	.28544	.26444	.27929	.12579
.950	13.979	.05329	1.12660	.50426	.29041	.30217	.26462	.26932	.24068	.25662	.06969
.949	16.000	.02293	1.08036	.57015	.27063	.30171	.24181	.23554	.21284	.22949	.01064
.949	17.985	.04456	1.02535	.63292	.23840	.27725	.21040	.20975	.17747	.19705	-.04842
	GRADIENT	-.00423	.00181	.03196	.01146	.01022	.00757	.00278	.00468	-.00062	-.02814

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.978	-1.925	-.00323	1.25172	.02445	.27125	.29271	.30175	.32650	.32885	.36609	.54118
.981	-.047	.02611	1.26185	.08327	.30347	.30553	.31609	.33549	.33494	.35971	.49003
.980	1.955	.02747	1.26404	.14440	.32526	.33479	.33433	.33705	.34428	.36409	.43237
.981	3.974	.02677	1.26161	.20829	.33423	.34773	.34207	.34188	.35329	.35783	.37543
.979	6.033	.02427	1.25231	.27351	.33911	.35088	.33394	.33760	.34699	.34789	.31712
.980	8.012	.01845	1.23618	.33762	.34179	.35653	.32998	.33139	.33589	.33372	.26145
.979	9.979	-.01260	1.21238	.39982	.33764	.35370	.31991	.32030	.30607	.31758	.20454
.980	12.042	.00313	1.18331	.46396	.32832	.33672	.30553	.30725	.28608	.30116	.14601
.979	13.949	-.02737	1.14704	.52509	.31391	.32298	.28771	.29010	.26300	.27765	.08814
.975	16.022	-.04187	1.09625	.58719	.28958	.32007	.26034	.25354	.23084	.24735	.02477
.980	18.030	-.01021	1.04625	.65376	.26105	.30134	.23244	.23244	.19875	.21718	-.03568
	GRADIENT	.00458	.00159	.03110	.01065	.00987	.00706	.00241	.00420	-.00103	-.02818

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.051	-1.965	-.02874	1.29543	.09855	.33649	.35815	.36814	.39268	.39448	.43099	.59713
1.048	.092	-.04657	1.30406	.15759	.36894	.37018	.38180	.39720	.39990	.41783	.54054
1.050	1.953	-.00823	1.30768	.21547	.38386	.39791	.39760	.39727	.40342	.42607	.48891
1.049	3.969	-.02458	1.30367	.27449	.39123	.40678	.39758	.40110	.41053	.41709	.42900
1.051	6.022	-.02959	1.29507	.33930	.40044	.41021	.39502	.39617	.39945	.40827	.37360
1.050	8.021	-.04148	1.27755	.40041	.40060	.40831	.38885	.38182	.39112	.39097	.31531
1.050	9.992	-.03040	1.25730	.46054	.39682	.40621	.37925	.38041	.36523	.36697	.25956
1.049	12.003	-.05588	1.22859	.51929	.38700	.39315	.36455	.36464	.34488	.35790	.19836
1.049	14.001	-.05704	1.19365	.57953	.37288	.38004	.34657	.34648	.32138	.33432	.13846
1.049	16.023	-.05926	1.14890	.64129	.35170	.36491	.32280	.31581	.29306	.30850	.07388
1.047	18.007	-.05240	1.09856	.69979	.32199	.35563	.29263	.28942	.25841	.27577	.00004
	GRADIENT	.00248	.00145	.02978	.00913	.00880	.00528	.00130	.00263	-.00174	-.02828

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.102	-4.231	.02364	1.30801	.09159	.35192	.38312	.40445	.42759	.44519	.47607	.69955
1.097	-3.821	-.03837	1.31115	.10218	.35745	.38839	.40773	.42972	.44664	.47632	.68705
1.100	-1.932	.05600	1.32611	.15310	.38430	.40566	.41389	.44064	.45095	.47851	.63681
1.101	.131	.05050	1.33353	.21056	.41329	.41779	.42538	.44395	.45445	.46414	.57987
1.099	2.006	-.02897	1.33511	.26540	.42961	.43052	.44038	.43981	.45105	.46909	.52714
1.098	4.060	-.02636	1.33358	.32417	.43439	.44057	.44047	.43614	.45297	.46041	.46895
1.098	6.010	-.01931	1.32385	.38149	.43878	.45005	.43391	.43128	.43991	.44802	.41327
1.099	8.012	-.03436	1.30678	.44034	.43878	.44842	.42724	.42349	.43069	.42449	.35625
1.098	9.988	-.03625	1.28686	.49976	.43437	.44555	.41704	.42141	.40286	.40826	.29997
1.098	12.021	-.02056	1.26003	.55843	.42421	.43690	.40246	.40777	.38254	.40086	.24052
1.098	14.008	.00772	1.22585	.61762	.40879	.42721	.38613	.39380	.35844	.38107	.18012
1.097	15.982	-.03715	1.18437	.67528	.39200	.41075	.36795	.36255	.33371	.35537	.11702
1.098	18.027	-.04283	1.13693	.73735	.36544	.39721	.33865	.33997	.30397	.32856	.06026
	GRADIENT	-.00362	.00326	.02807	.01065	.00689	.00473	.00112	.00086	-.00193	-.02770

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-4.230	.03930	1.34104	.11980	.36899	.40326	.41320	.44416	.44624	.49361	.70810
1.150	-2.009	.05902	1.35666	.17209	.40179	.41838	.42519	.45436	.44971	.49250	.64442
1.150	.011	.05415	1.36471	.22405	.42382	.42923	.43680	.45592	.45034	.47480	.58541
1.151	2.027	.05535	1.36633	.27858	.43871	.44032	.44661	.44697	.45579	.47773	.52614
1.151	4.114	.05286	1.36313	.33662	.44095	.44828	.44692	.44238	.45675	.46670	.46472
1.149	5.708	.03843	1.35350	.39398	.44365	.46013	.43759	.43731	.44485	.45131	.40682
1.149	8.003	.03478	1.33733	.44958	.44363	.46019	.43138	.42981	.43503	.43079	.35205
1.150	10.080	.05528	1.31723	.51069	.43923	.45653	.42061	.42764	.40497	.41348	.29160
1.149	12.084	.04742	1.29039	.56898	.43129	.44705	.41124	.41626	.38725	.40855	.23394
1.151	14.054	.05874	1.25934	.62655	.42128	.43816	.40762	.40413	.36855	.39134	.17308
1.150	16.024	.03071	1.21830	.68613	.40708	.42661	.38643	.37725	.34571	.37030	.12552
1.151	18.060	.05331	1.17170	.74696	.38292	.41487	.35307	.35721	.32044	.34730	.05766
	GRADIENT	.00116	.00262	.02605	.00875	.00541	.00429	-.00050	.00131	-.00330	-.02920

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.200	-4.090	.04524	1.37053	.14670	.37832	.40813	.41925	.44350	.45113	.49280	.69368
1.197	-1.857	.05683	1.38304	.18522	.40999	.41625	.42722	.45207	.45059	.49064	.62852
1.201	.004	.04500	1.39244	.23166	.42670	.42733	.44108	.45126	.45014	.47126	.57019
1.198	2.104	.05922	1.39166	.28402	.43939	.43738	.44539	.44141	.45636	.47291	.50838
1.203	4.006	.04687	1.38881	.33569	.44001	.44223	.44500	.43499	.45198	.45985	.44828
1.202	6.042	.04720	1.38040	.39330	.44515	.45376	.43707	.43112	.44379	.44508	.39359
1.201	8.046	.04632	1.36282	.45211	.44399	.45295	.43023	.42537	.43380	.42627	.34046
1.199	10.042	.06992	1.34346	.50928	.44068	.45948	.42150	.42601	.40567	.41321	.28573
1.203	12.036	.06196	1.31757	.57085	.43492	.45163	.41093	.41615	.38909	.40823	.21818
1.201	14.011	.05374	1.28578	.62942	.42359	.44025	.39650	.40561	.36968	.39409	.16826
1.200	16.020	.04726	1.24777	.68984	.41343	.43238	.38234	.38308	.35116	.37731	.11242
1.200	18.002	.04626	1.20675	.75089	.39469	.42142	.36391	.36789	.32984	.36006	.06016
	GRADIENT	.00033	.00227	.02362	.00763	.00443	.00346	-.00134	.00038	-.00412	-.03031

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.299	-1.931	.01934	1.44387	.21401	.41833	.43789	.43516	.47212	.45654	.50620	.62921
1.299	-.060	.01592	1.44338	.26542	.43547	.44999	.44796	.47303	.45553	.49177	.57454
1.299	1.936	.01753	1.44124	.30816	.44629	.45968	.45262	.46355	.45499	.49413	.51651
1.300	4.028	.01133	1.43837	.35931	.44521	.46745	.44748	.45964	.45815	.48391	.45530
1.299	5.939	.01910	1.42982	.40876	.44778	.47247	.44060	.45284	.44403	.46607	.39431
1.300	7.974	.01730	1.41477	.46693	.44847	.47445	.43461	.44523	.43032	.44606	.32487
1.299	9.940	.01724	1.39479	.52316	.44595	.47185	.42707	.44340	.40870	.43255	.27430
1.300	12.007	.01774	1.37199	.58262	.44045	.47735	.41698	.43800	.39317	.42256	.21780
1.300	13.936	.01556	1.33514	.64208	.43373	.46719	.40755	.43041	.37969	.42055	.17068
1.299	15.981	.00760	1.29607	.70551	.42531	.46459	.39737	.41082	.36583	.40770	.12215
1.301	17.985	.00472	1.25258	.76830	.41127	.46782	.38340	.39581	.34646	.39105	.07089
	GRADIENT	-.00113	-.00094	.02407	.00455	.00493	.00204	-.00237	.00023	-.00323	-.02917

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.400	-3.954	-.11036	1.47015	.16454	.38838	.43265	.42334	.46382	.45124	.50747	.67517
1.400	-1.985	-.10562	1.48514	.21440	.41601	.43742	.42891	.46905	.44890	.49901	.62217
1.399	-.031	-.08954	1.49300	.25599	.42827	.44956	.43989	.47193	.44540	.49090	.56534
1.400	1.958	-.08402	1.49598	.31572	.43679	.46059	.44266	.46298	.44204	.49508	.49150
1.399	3.976	-.07027	1.49500	.36524	.43635	.46703	.43668	.45950	.44657	.48626	.42706
1.400	5.945	-.05978	1.49513	.41755	.44326	.47708	.43451	.45762	.43667	.47599	.37927
1.401	8.006	-.04759	1.47287	.47652	.44459	.48576	.43002	.45275	.42176	.45576	.32331
1.399	9.955	-.02642	1.44900	.53350	.44379	.48422	.42471	.45301	.40509	.44436	.27097
1.401	11.966	-.01489	1.42409	.58702	.43849	.48688	.41748	.44628	.39374	.43477	.22342
1.401	14.005	-.00833	1.39371	.64589	.43181	.47285	.40678	.43454	.37893	.43507	.16886
1.400	15.969	.00264	1.35594	.70711	.42404	.46705	.39588	.41254	.36414	.41976	.12146
1.399	18.004	.01303	1.31354	.77188	.41130	.46113	.38269	.39906	.34319	.40360	.07080
	GRADIENT	.00514	.00305	.02539	.00588	.00464	.00203	-.00075	-.00081	-.00234	-.03167

RUN NO. 58/ 0. RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.548	-3.916	-.13817	1.52347	.16697	.40065	.41863	.43242	.45207	.45845	.49799	.64636
1.549	-1.929	-.13804	1.52876	.22115	.41589	.43059	.43775	.45317	.45638	.48285	.58080
1.550	.009	-.13527	1.53750	.27816	.43158	.44160	.44350	.44995	.45369	.47699	.52002
1.551	2.017	-.13365	1.53641	.31946	.43797	.44766	.44301	.44398	.44623	.47091	.46314
1.552	4.012	-.13305	1.53309	.36962	.44704	.45450	.44554	.44101	.44664	.46065	.41149
1.551	6.030	-.13215	1.52484	.43091	.45634	.46220	.44786	.43900	.43967	.44978	.35817
1.550	8.072	-.12939	1.50806	.48049	.45686	.46515	.44236	.43265	.42941	.43699	.31781
1.549	10.056	-.12289	1.48830	.53480	.46464	.47017	.44791	.43250	.43253	.43273	.27529
1.548	12.088	-.12164	1.47143	.59549	.46344	.47594	.43846	.43298	.41442	.42581	.21496
1.547	14.077	-.12430	1.44282	.64937	.45526	.47264	.42658	.42205	.39565	.41446	.17297
1.548	16.089	-.12482	1.40204	.71437	.44728	.46920	.41916	.41601	.38287	.41666	.13102
	GRADIENT	.00074	.00135	.02542	.00580	.00448	.00159	-.00158	-.00171	-.00437	-.02966

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (DVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.899	-3.948	.09855	1.18801	-.11573	.16640	.18676	.21524	.23872	.25200	.28695	.53326
.901	-2.075	.06819	1.20758	-.05217	.20070	.21805	.23681	.25486	.26564	.29429	.48219
.902	-.043	.06692	1.21649	.01608	.23026	.24383	.25457	.26539	.27553	.29570	.42426
.899	1.912	.09827	1.21990	.07994	.25379	.26244	.26686	.27196	.27988	.29376	.36727
.901	4.013	.07074	1.21650	.14977	.27190	.27824	.27444	.27479	.28003	.28997	.30694
.901	5.955	.07160	1.20857	.21417	.28222	.28649	.27672	.27317	.27593	.28114	.25302
.900	7.975	.07211	1.18994	.28210	.28619	.28881	.27285	.26599	.26587	.26821	.19575
.899	9.994	.10249	1.16588	.34751	.28229	.28554	.26336	.25526	.25059	.25232	.13928
.898	12.001	.10169	1.13442	.41030	.27152	.27728	.24862	.24050	.22982	.23177	.08184
.896	13.988	.10029	1.09417	.47335	.25622	.26554	.22976	.22329	.20698	.21061	.02640
.896	16.034	.10189	1.04604	.53918	.23194	.24726	.20348	.20075	.17619	.18355	-.03194
	GRADIENT	-.00127	.00344	.03331	.01324	.01139	.00743	.00446	.00351	.00026	-.02852

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.198	-3.971	.04792	1.37024	.13947	.37931	.39734	.42020	.43951	.45182	.48208	.68840
1.201	-1.989	.04010	1.38599	.18489	.39957	.41481	.42876	.44319	.45254	.47726	.62583
1.199	.078	.04963	1.39190	.23432	.41706	.42837	.43541	.44434	.45191	.47094	.56552
1.202	2.000	.04339	1.39540	.28435	.42877	.43633	.43754	.44063	.44659	.45975	.50277
1.199	4.043	.05307	1.38916	.33826	.43700	.44316	.43695	.43685	.43930	.45003	.44221
1.201	6.037	.04176	1.38167	.39541	.44337	.44739	.43553	.43084	.43133	.43765	.38297
1.201	7.984	.04268	1.36563	.45330	.44473	.44839	.43070	.42388	.42048	.42485	.33018
1.199	10.068	.05987	1.34467	.51429	.44310	.44729	.42362	.41523	.40724	.41126	.27280
1.203	12.004	.04966	1.31984	.57299	.43709	.44375	.41267	.40500	.39118	.39627	.21002
1.203	13.983	.04857	1.28738	.63022	.42715	.43929	.39903	.39524	.37260	.38193	.15722
1.195	16.063	.05945	1.24731	.69253	.41223	.43219	.38213	.38293	.35140	.36536	.10277
	GRADIENT	.00069	.00236	.02483	.00723	.00565	.00211	-.00039	-.00155	-.00407	-.03074

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (DVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.548	-3.832	-.13333	1.52983	.17472	.40582	.42215	.43740	.45369	.46351	.49258	.64841
1.551	-1.943	-.13471	1.53863	.22373	.41971	.43390	.44195	.45283	.46118	.48452	.58418
1.549	.059	-.13346	1.54506	.28239	.43420	.44576	.44595	.45275	.45749	.47792	.52337
1.550	2.067	-.13393	1.54455	.32635	.44408	.45285	.44812	.44967	.45245	.46913	.46764
1.550	4.112	-.13446	1.53993	.37784	.45338	.46031	.45068	.44746	.44958	.46164	.41093
1.550	6.042	-.13399	1.53193	.43670	.46143	.46735	.45167	.44534	.44385	.45328	.36130
1.549	8.081	-.13283	1.51575	.48778	.46349	.47007	.44797	.43917	.43504	.44186	.31984
1.547	10.091	-.12934	1.49607	.54263	.47019	.47365	.45169	.43697	.43530	.43539	.27823
1.548	12.081	-.12857	1.47539	.59901	.46844	.47682	.44241	.43346	.41849	.42680	.21764
1.545	14.063	-.12931	1.45092	.65572	.46279	.47624	.43320	.42672	.40309	.41565	.17962
1.552	16.095	-.12875	1.40617	.71630	.45231	.46806	.42308	.41611	.38708	.40161	.13397
	GRADIENT	-.00007	.00129	.02557	.00600	.00478	.00164	-.00079	-.00184	-.00388	-.02971

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.201	-1.814	1.95195	.98843	-.17310	.01309	.13033	.03798	.17306	.05860	.21067	.33011
.203	.154	2.06877	.99789	-.10497	.04390	.16350	.05854	.18795	.07384	.22198	.27767
.203	2.179	2.05506	.99888	-.04084	.06973	.18925	.07393	.20048	.08435	.22059	.22548
.202	4.153	2.01703	1.00986	.01838	.08366	.20422	.08158	.20224	.08787	.21410	.17343
.203	6.085	1.98186	.99591	.08313	.08806	.20995	.08111	.19683	.08108	.20304	.11730
.201	7.845	1.77524	.98018	.14463	.09825	.21461	.06756	.19401	.08466	.19467	.06748
.201	9.843	1.70506	.93226	.20385	.09249	.19814	.07903	.16914	.07189	.16342	.01153
.201	11.747	1.82228	.91018	.26860	.08145	.19170	.06581	.15549	.05724	.14691	-.03533
.202	13.750	1.81071	.84492	.32735	.05993	.16474	.04586	.12540	.03387	.11411	-.08440
.201	15.741	1.83597	.80112	.39080	.02781	.13190	.01496	.08631	.00069	.07630	-.13840
.200	17.724	1.86563	.72649	.45105	-.01100	.10900	-.01965	.06161	-.03258	.04651	-.18420
	GRADIENT	.00907	.00327	.03204	.01192	.01242	.00734	.00502	.00493	.00044	-.02621

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.250	-1.985	2.03946	.98881	-.14460	.03741	.14801	.06599	.18669	.08314	.23093	.35386
.250	.185	2.06044	1.00382	-.09216	.06210	.17248	.07788	.19559	.09153	.23215	.29682
.250	2.161	2.05204	1.01541	-.02967	.08813	.20357	.09313	.20948	.10248	.23602	.24901
.250	4.125	2.04723	1.01128	.03180	.10217	.21747	.10213	.21334	.10430	.23267	.19686
.250	6.096	1.95942	.99561	.09058	.10427	.22431	.09850	.21090	.09636	.22446	.14003
.251	7.930	1.99093	.97359	.15417	.10942	.23527	.10012	.21410	.09371	.21976	.08942
.253	10.021	2.07510	.94470	.22505	.10600	.23689	.09193	.20623	.08352	.20760	.04143
.250	11.940	1.89671	.91323	.28141	.08512	.21423	.07580	.17725	.06508	.17294	-.01711
.251	13.902	1.92066	.86384	.34431	.07280	.19497	.05854	.15386	.04431	.14673	-.06383
.250	15.709	1.82131	.81119	.40859	.04665	.16485	.03302	.12195	.01723	.11261	-.11259
	GRADIENT	.00081	.00393	.02909	.01086	.01180	.00609	.00463	.00367	.00045	-.02555

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.401	-1.955	2.15572	1.01609	-.15427	.02966	.15444	.05635	.19588	.07722	.23331	.34967
.401	.036	2.07651	1.03177	-.09310	.06127	.18229	.07794	.20600	.09224	.23419	.29611
.401	2.050	2.08129	1.03608	-.02765	.08553	.20746	.09252	.21647	.10214	.23610	.24307
.401	4.012	2.07505	1.03554	.03660	.10182	.22510	.10147	.22098	.10529	.23326	.19163
.402	6.031	2.08018	1.02330	.10559	.11105	.23671	.10491	.22179	.10372	.22752	.14033
.402	7.898	1.95829	1.00321	.16181	.11267	.23711	.10271	.21417	.09805	.21411	.08341
.403	9.941	2.01127	.97505	.22999	.10719	.23606	.09420	.20327	.08613	.19671	.03174
.403	11.847	1.83347	.93806	.28898	.10241	.21537	.08710	.17792	.07633	.16790	-.01645
.402	13.841	1.88477	.89179	.35105	.08067	.19298	.06533	.15126	.05188	.13741	-.06783
.402	15.870	1.88985	.83692	.41730	.05342	.16698	.03994	.12315	.02452	.10656	-.11567
	GRADIENT	-.01192	.00315	.03204	.01209	.01191	.00753	.00431	.00473	.00009	-.02647

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.700	-1.942	1.99182	1.10364	-.12972	.07873	.19779	.10378	.23198	.11935	.27834	.40583
.700	.041	1.99897	1.11774	-.06385	.10743	.21408	.11606	.24839	.14635	.27214	.35188
.700	2.017	1.97667	1.12324	-.00007	.12648	.23618	.13799	.25098	.15618	.28203	.29808
.701	3.980	1.98801	1.12087	.06426	.13315	.25389	.14520	.25150	.15553	.27841	.24561
.701	6.002	2.03808	1.10993	.12932	.13965	.26740	.14508	.25431	.14689	.26388	.19056
.701	7.987	2.00879	1.09192	.19385	.14206	.27752	.13116	.25418	.13844	.25632	.13279
.701	9.983	2.09878	1.06148	.26121	.13597	.27773	.11915	.25189	.12535	.23880	.07425
.701	11.940	1.94343	1.02833	.32726	.13963	.26129	.10975	.22952	.09794	.22027	.02222
.700	13.869	1.94561	.98704	.39060	.12289	.24203	.10577	.20440	.07577	.19336	-.02882
.698	15.856	1.97539	.93469	.45548	.08424	.21701	.08048	.16767	.05771	.16033	-.08029
.697	17.909	1.98493	.87013	.52069	.04620	.18628	.03955	.13402	.02668	.12252	-.13170
	GRADIENT	-.00171	.00290	.03271	.00924	.00964	.00741	.00310	.00606	.00051	-.02707

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.800	-3.993	2.19080	1.13161	-.17720	.05253	.19939	.09435	.24869	.12715	.30208	.47689
.800	-1.945	2.05774	1.15174	-.10738	.10522	.23288	.12152	.27014	.14687	.31216	.42004
.800	-.103	2.07723	1.16206	-.04514	.13134	.24660	.14278	.28156	.15664	.30444	.36931
.800	2.034	2.05185	1.16714	.02747	.15118	.26966	.16216	.28339	.16521	.31215	.31010
.800	3.997	2.07416	1.16424	.09250	.15832	.29792	.16696	.28837	.18089	.30807	.25707
.799	5.983	2.14500	1.15446	.15880	.16400	.29885	.15851	.29324	.17385	.30149	.20053
.800	7.938	2.04475	1.13503	.22328	.16880	.30603	.15822	.28215	.16799	.28229	.14200
.800	10.015	2.10130	1.10909	.29414	.16138	.30588	.14685	.27921	.13694	.26419	.08246
.800	11.935	1.89652	1.07917	.35708	.15944	.29369	.14143	.25692	.12735	.24307	.03361
.800	13.922	1.91091	1.03697	.42276	.14247	.27227	.12205	.23562	.10483	.21981	-.01987
.800	15.913	1.91535	.98794	.48843	.11747	.25107	.09779	.19986	.07676	.18984	-.07313
.800	17.964	1.95964	.92894	.55309	.08147	.22510	.06376	.16985	.04068	.14629	-.12404
	GRADIENT	-.01203	.00403	.03378	.01289	.01172	.00930	.00463	.00630	.00062	-.02754

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.850	-1.921	2.02585	1.17603	-.08444	.12848	.25536	.14488	.29326	.17078	.33490	.44133
.850	.083	2.04031	1.18656	-.01619	.15588	.27026	.16976	.30341	.18025	.32562	.38536
.849	1.911	2.02590	1.19206	.04561	.17733	.28984	.18358	.30559	.18749	.33370	.33503
.850	3.916	2.09145	1.18730	.11330	.18453	.31717	.19077	.30842	.20340	.32836	.27808
.850	6.055	2.08356	1.17689	.18320	.18905	.31802	.18222	.31195	.19641	.32190	.21847
.850	7.947	2.05999	1.16002	.24606	.18943	.32939	.17871	.30488	.18856	.30511	.16138
.850	10.052	2.07240	1.13367	.31742	.18407	.32913	.16922	.30360	.15876	.28783	.10150
.850	11.914	1.82452	1.10355	.37862	.18154	.31785	.16348	.28116	.14852	.26932	.05279
.850	13.904	1.94492	1.06429	.44330	.16462	.29719	.14444	.26057	.12553	.24361	-.00221
.850	15.960	1.96682	1.01433	.51079	.13867	.27646	.11840	.22400	.09619	.21270	-.05844
.850	17.893	1.89778	.96073	.57451	.10734	.25245	.08872	.19580	.06389	.17279	-.11092
.850	18.929	1.89398	.92976	.60609	.08899	.23790	.07185	.17964	.04591	.15326	-.13735
	GRADIENT	.00953	.00203	.03387	.00979	.01060	.00783	.00247	.00544	-.00063	-.02793

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.901	-3.993	2.11363	1.18136	-.11798	.11374	.25418	.15623	.31250	.20943	.36148	.52804
.901	-1.992	2.05915	1.13964	-.05130	.16129	.28647	.17849	.32430	.20433	.36551	.47320
.902	-.031	2.09186	1.21150	.01534	.18720	.30042	.20187	.33453	.21253	.35673	.41948
.901	1.956	2.05706	1.21540	.08158	.20827	.31971	.21529	.33564	.21943	.36374	.36385
.899	3.998	2.12144	1.21175	.14721	.21795	.33533	.22005	.33242	.23146	.35732	.30536
.900	5.974	2.14127	1.20031	.21157	.22403	.34655	.21909	.33228	.22384	.34710	.24906
.900	7.870	1.98775	1.18471	.27428	.22008	.35448	.21061	.32976	.21838	.33080	.19138
.899	9.976	2.05688	1.15822	.34322	.21163	.36684	.19673	.33196	.18608	.31485	.13149
.900	11.929	1.85725	1.13101	.40644	.21122	.35020	.19282	.30933	.17766	.29762	.08197
.899	13.877	1.85070	1.09144	.46940	.19486	.32607	.17401	.28930	.15428	.27182	.02683
.900	15.937	1.86382	1.04445	.53674	.17198	.30649	.15068	.25400	.12867	.24289	-.02598
.900	17.933	1.89382	.98988	.59938	.13940	.28415	.11961	.22715	.09405	.20809	-.07533
	GRADIENT	.00071	.00383	.03328	.01280	.00981	.00824	.00256	.00297	-.00051	-.02784

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.949	-4.034	1.98262	1.21227	-.07337	.15846	.29098	.20128	.34735	.23503	.39629	.56383
.950	-1.959	2.04477	1.22900	-.00785	.19978	.32566	.21675	.36239	.24268	.40341	.50693
.949	-.034	2.08820	1.23972	.05461	.22418	.33715	.23935	.37035	.25052	.39260	.45379
.949	1.998	2.08670	1.24352	.12033	.24502	.35772	.25151	.37144	.26045	.39947	.39932
.950	3.973	2.06688	1.24026	.18328	.25529	.38231	.25763	.37484	.26897	.39350	.34722
.951	6.040	2.07599	1.23065	.24959	.26469	.38278	.25654	.37609	.26199	.38579	.28920
.950	7.898	2.00234	1.21512	.30978	.25609	.39152	.24705	.36496	.25416	.36784	.23177
.950	9.938	2.09564	1.18905	.37586	.24918	.39954	.23390	.36784	.22319	.35734	.17027
.951	11.944	1.88598	1.16105	.43932	.24762	.38517	.22875	.34360	.21283	.33117	.11939
.950	13.959	1.92110	1.12276	.50543	.23185	.36313	.20858	.32609	.18801	.30852	.06120
.950	15.980	1.94944	1.07735	.56902	.21021	.35824	.18667	.29192	.16178	.27834	.00552
.949	17.944	1.91873	1.02574	.63086	.17787	.33602	.15786	.26402	.13113	.24503	-.05104
	GRADIENT	.01056	.00354	.03212	.01198	.01076	.00738	.00321	.00429	-.00046	-.02708

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.981	-4.081	1.97967	1.22876	-.04499	.18290	.31752	.22573	.37351	.25937	.42198	.58826
.980	-1.928	2.05338	1.24584	.02095	.22505	.35014	.24175	.38650	.26701	.42673	.52684
.978	-.014	2.04817	1.25558	.08112	.24805	.35957	.26377	.39227	.27416	.41402	.47545
.979	2.026	2.03891	1.25892	.14596	.26805	.37985	.27559	.39376	.28595	.42154	.42028
.979	3.994	2.05837	1.25700	.20773	.27922	.40413	.28143	.39661	.29233	.41502	.36836
.979	5.991	2.12303	1.24671	.27014	.28495	.40508	.27797	.39859	.28224	.40839	.31225
.979	7.940	2.00059	1.23224	.33172	.27794	.41289	.26823	.38633	.27522	.39558	.25390
.980	9.961	1.99623	1.20802	.39688	.27423	.41700	.25910	.38441	.24802	.37699	.19708
.980	11.932	1.91032	1.17961	.46001	.27025	.40808	.25014	.36593	.23372	.35337	.14319
.979	13.945	1.92452	1.14150	.52347	.25651	.38302	.23147	.34583	.21006	.32800	.08146
.981	15.898	1.94593	1.09850	.58538	.23593	.37787	.20980	.31246	.18394	.29991	.02469
.979	17.969	1.95422	1.04605	.65034	.19907	.35721	.17971	.28541	.14994	.26917	-.03950
	GRADIENT	.00721	.00348	.03136	.01176	.01011	.00723	.00267	.00422	-.00093	-.02718

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6300 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.051	-4.011	1.97852	1.27321	.03754	.25605	.38688	.29675	.43515	.32875	.48657	.64180
1.050	-1.942	1.96724	1.28954	.09672	.29451	.41115	.31224	.44771	.33645	.48710	.58390
1.049	-.019	1.98685	1.29843	.15536	.31587	.42299	.32936	.45363	.34092	.47469	.53064
1.050	2.009	2.02050	1.30151	.21610	.33251	.44057	.33920	.45100	.34395	.48013	.47495
1.048	4.018	2.01674	1.30068	.27635	.33532	.46309	.34251	.45391	.35468	.47272	.42202
1.048	6.058	2.06260	1.29010	.33544	.33598	.46115	.33161	.45315	.34379	.46288	.36327
1.049	7.995	1.99003	1.27494	.39438	.34002	.46765	.32932	.44345	.33527	.44795	.30517
1.050	10.014	2.15290	1.25177	.45859	.33193	.47013	.31670	.44646	.30489	.42965	.24487
1.049	11.998	1.95422	1.22324	.51682	.32719	.45932	.30827	.42196	.29090	.40493	.18770
1.049	13.933	1.98267	1.18932	.57707	.31304	.44080	.29086	.40334	.26877	.38494	.13045
1.051	15.965	2.00396	1.14850	.63867	.29209	.42575	.26805	.37287	.24227	.36003	.06900
1.050	17.958	2.01044	1.09890	.69801	.26233	.41097	.24061	.34691	.21035	.32755	-.00122
	GRADIENT	.00646	.00335	.02983	.00983	.00910	.00592	.00204	.00297	-.00173	-.02741

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.101	-3.861	1.88250	1.30663	.10015	.31202	.43454	.35773	.47834	.39535	.52876	.67752
1.101	-1.934	2.03492	1.32145	.15166	.34252	.45883	.36036	.49527	.39615	.53387	.62479
1.098	.011	1.99787	1.32908	.20773	.36209	.47035	.37707	.50022	.40024	.52096	.57148
1.097	1.967	2.02256	1.33173	.26360	.37661	.48529	.38417	.49644	.40019	.52579	.51821
1.098	4.069	1.99743	1.32876	.32369	.38157	.49480	.38790	.49126	.39637	.51360	.46159
1.102	6.028	2.08426	1.32096	.38029	.38132	.50442	.37399	.48866	.38442	.49997	.40584
1.101	7.940	1.91656	1.30570	.43734	.38128	.50596	.37057	.48120	.37715	.48180	.34831
1.099	10.041	2.06116	1.28133	.49860	.37447	.50405	.35939	.47997	.34714	.46334	.28893
1.101	11.953	1.94800	1.25583	.55734	.36680	.50072	.34891	.46142	.33113	.44585	.23360
1.100	13.871	1.91693	1.22165	.61344	.35502	.47902	.33706	.44193	.31376	.42441	.17718
1.101	15.911	1.91806	1.18219	.67390	.33661	.46226	.32483	.41006	.28731	.39752	.11365
1.101	17.912	1.94513	1.13546	.73343	.31134	.44597	.28949	.38668	.25918	.37125	.06207
	GRADIENT	.01084	.00273	.02829	.00873	.00742	.00425	.00134	.00030	-.00196	-.02725

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-3.928	2.01002	1.33851	.12495	.32457	.45680	.36172	.50086	.39173	.54889	.68698
1.151	-1.962	2.04859	1.35152	.17207	.35569	.47071	.37084	.50829	.39362	.54604	.62996
1.151	.008	2.05114	1.36158	.22413	.37180	.48191	.38641	.51010	.39369	.52988	.57341
1.148	2.044	2.04377	1.36210	.27901	.38422	.49495	.39062	.50284	.40030	.53252	.51724
1.149	4.047	2.03303	1.35950	.33479	.38694	.50421	.39148	.49918	.39913	.52181	.46012
1.150	6.039	2.08258	1.34972	.39200	.38933	.51408	.38047	.49380	.38674	.50353	.39984
1.149	7.933	1.93581	1.33427	.44670	.38616	.51194	.37479	.48628	.37949	.48594	.34176
1.149	9.940	2.07975	1.31118	.50730	.37894	.51459	.36322	.48792	.34972	.47030	.28169
1.149	11.887	1.86793	1.28759	.56436	.38047	.50952	.36429	.46619	.34263	.44857	.23130
1.148	13.900	1.90021	1.25394	.62513	.36959	.48978	.36248	.45173	.32771	.43459	.17174
1.150	15.857	1.87983	1.21614	.68397	.35440	.47944	.34405	.42330	.30302	.41144	.12637
1.150	17.910	1.92817	1.16973	.74553	.33027	.47548	.30786	.40441	.27848	.38931	.06010
1.148	18.951	1.95715	1.14437	.77743	.31660	.46768	.29549	.39534	.26326	.37720	.02953
	GRADIENT	.00204	.00262	.02639	.00766	.00596	.00397	-.00045	.00108	-.00339	-.02838

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.200	-4.012	2.07164	1.36818	.13808	.32932	.45896	.36496	.49935	.39450	.54874	.68321
1.202	-1.980	2.04860	1.38165	.18456	.35917	.46758	.37332	.50554	.39537	.54177	.62122
1.201	-.016	2.05734	1.38809	.23034	.37383	.47928	.38708	.50581	.39434	.52608	.56270
1.201	2.000	2.05280	1.39025	.28190	.38493	.48964	.39015	.49579	.40228	.52599	.50216
1.200	3.978	2.08634	1.38577	.33444	.38593	.49781	.38888	.49179	.39570	.51532	.44337
1.201	6.018	2.09593	1.37925	.39060	.39213	.50736	.38344	.48690	.38492	.49790	.38557
1.200	7.937	2.07834	1.36408	.44557	.38129	.51372	.37090	.48689	.37392	.48723	.32811
1.202	9.993	2.11113	1.33995	.50812	.37740	.52545	.36114	.49003	.34709	.47342	.26506
1.198	11.886	1.84725	1.31081	.56551	.37915	.51392	.35891	.46926	.33961	.44993	.20508
1.196	13.858	1.87298	1.28010	.62585	.36961	.49352	.34689	.45510	.32267	.43927	.14954
1.204	15.934	1.90877	1.24770	.68729	.35578	.48598	.33192	.43479	.30333	.42166	.10430
1.202	17.947	1.93565	1.20229	.74801	.33745	.47442	.31449	.41617	.28786	.40249	.04710
	GRADIENT	.00167	.00220	.02455	.00697	.00500	.00324	-.00124	.00047	-.00414	-.03000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	-4.010	1.88875	1.41781	.16096	.34761	.48009	.37890	.51650	.40602	.56622	.67879
1.301	-1.957	2.02013	1.43355	.21138	.37053	.49083	.38174	.52830	.40123	.55649	.61656
1.300	-.020	2.02373	1.43997	.26855	.38404	.50367	.39467	.52842	.39871	.54697	.55870
1.299	1.989	2.04828	1.44115	.31108	.39254	.51547	.39603	.51976	.40142	.54835	.50208
1.300	4.021	2.04597	1.43173	.36189	.39065	.52370	.39153	.51583	.39779	.53767	.44121
1.299	6.015	2.11577	1.42681	.41681	.38960	.53028	.38044	.51034	.38632	.51636	.37347
1.300	7.960	2.02609	1.40789	.47411	.39886	.52759	.38597	.49934	.38615	.49725	.30818
1.300	9.999	2.13198	1.38937	.53350	.40128	.52558	.38420	.49745	.36721	.47983	.25887
1.301	11.906	1.89701	1.36936	.58914	.40719	.52532	.38643	.48220	.36420	.46196	.22372
1.300	13.940	1.94493	1.33208	.65256	.39960	.51426	.37685	.47516	.35023	.45968	.17153
1.299	15.926	1.95538	1.29705	.71211	.38672	.50583	.36243	.45240	.33237	.44455	.11750
1.299	17.954	1.94618	1.25395	.77634	.37161	.49808	.34675	.43825	.31237	.42797	.06605
	GRADIENT	.01716	.00177	.02506	.00540	.00559	.00197	-.00049	-.00081	-.00326	-.02947

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.401	-4.020	1.91267	1.46554	.15912	.33823	.47961	.36708	.51334	.39373	.55918	.66415
1.401	-1.993	1.98557	1.48073	.21396	.36037	.48656	.37060	.52146	.39000	.54757	.60667
1.401	-.015	1.97644	1.49284	.25864	.36933	.50016	.37793	.52471	.38470	.54362	.54854
1.402	1.977	1.98307	1.49407	.31448	.37851	.51191	.37938	.51567	.38242	.54533	.47486
1.399	4.008	2.02120	1.49264	.36547	.38036	.52053	.37970	.51150	.38103	.53435	.40891
1.400	6.072	2.05652	1.47391	.41773	.38343	.52603	.37550	.50439	.37980	.51091	.36011
1.401	8.039	2.11415	1.45944	.47130	.38744	.52946	.37466	.49679	.37102	.49663	.31538
1.400	10.071	2.19329	1.43828	.53746	.39195	.53152	.37524	.50292	.35718	.48910	.24649
1.402	11.999	1.98182	1.41771	.59229	.40136	.52183	.38229	.48115	.36282	.46336	.20283
1.401	14.063	2.03380	1.38337	.65041	.39456	.50916	.37194	.46837	.34674	.46069	.14634
1.401	15.966	2.01402	1.34848	.70716	.38662	.50095	.36240	.44531	.33083	.44450	.10517
1.399	18.004	2.01274	1.30941	.76966	.37355	.49475	.35274	.43277	.31544	.43130	.06157
	GRADIENT	.01074	.00337	.02563	.00511	.00535	.00170	-.00047	-.00165	-.00260	-.03207

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.548	-3.908	1.84243	1.51742	.16672	.35194	.47432	.37937	.50830	.40342	.55324	.64480
1.548	-1.851	1.85650	1.52796	.22136	.36916	.48460	.38499	.51184	.40159	.53819	.57790
1.549	.114	1.84742	1.53561	.28085	.38697	.49586	.39700	.50963	.40053	.53422	.51887
1.549	2.104	1.87373	1.53615	.31857	.38597	.50370	.39454	.50503	.39575	.52944	.46534
1.550	4.150	1.88358	1.52980	.37084	.38817	.51162	.38817	.50166	.39582	.51930	.41233
1.551	6.220	1.91501	1.51878	.42811	.39428	.51955	.38479	.49970	.38187	.50845	.35869
1.552	8.091	1.93765	1.50659	.47486	.39709	.52603	.38243	.49711	.37382	.50069	.30822
1.551	10.026	2.07894	1.48217	.52972	.40140	.52902	.38257	.49169	.36855	.48894	.26011
1.547	11.923	2.01404	1.45993	.58676	.40467	.52740	.38165	.48293	.35908	.47554	.20874
1.546	13.900	2.04322	1.43448	.64500	.39972	.52576	.37438	.47234	.34392	.46169	.16463
1.552	15.908	2.07452	1.39367	.70400	.38712	.52092	.36210	.46220	.32687	.45735	.11851
1.549	17.898	2.10055	1.34869	.77166	.37690	.51648	.35432	.45049	.31678	.44480	.07142
	GRADIENT	.00496	.00164	.02518	.00445	.00467	.00135	-.00100	-.00105	-.00382	-.02878

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (DVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.202	-1.929	-.31382	.98926	-.17235	.07406	.06695	.10661	.09947	.13199	.13333	.33529
.202	-.016	-.27307	1.00896	-.11030	.10434	.10143	.12566	.11919	.14332	.15174	.28776
.202	2.003	-.23081	1.01618	-.03831	.13229	.13431	.14364	.14072	.15557	.16253	.24008
.202	3.989	-.18963	1.01030	.01729	.14640	.14558	.14788	.14213	.15275	.15337	.18019
.201	6.053	-.14550	1.00238	.07815	.15353	.15269	.14720	.13927	.14642	.14705	.12291
	GRADIENT	.02098	.00353	.03241	.01239	.01357	.00716	.00755	.00376	.00356	-.02595

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (DVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.250	-1.734	-.25284	1.00332	-.14822	.09431	.08565	.12710	.11852	.14924	.15774	.35046
.250	.144	-.21112	1.01186	-.09121	.11954	.11867	.14165	.13591	.15810	.16946	.30170
.251	2.144	-.16629	1.01523	-.02562	.14233	.14641	.15294	.15007	.16150	.17636	.25041
.250	4.009	-.18457	1.01591	.03436	.15656	.15993	.15721	.15359	.15938	.17367	.19311
.250	6.242	-.07452	1.00129	.09722	.16316	.16865	.15665	.15448	.15309	.16589	.13661
	GRADIENT	.01304	.00229	.03190	.01090	.01304	.00529	.00621	.00176	.00285	-.02721

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.404	-1.870	-.29974	1.02703	-.15230	.09654	.09074	.13102	.12137	.15544	.15574	.35873
.404	.085	-.25709	1.03913	-.08897	.12544	.12307	.14573	.13953	.16514	.16810	.30812
.405	2.152	-.21073	1.04220	-.02412	.14616	.14832	.15611	.15334	.16783	.17306	.25021
.399	4.167	-.16669	1.04140	.04095	.16558	.16779	.16683	.16085	.17105	.17369	.19557
.398	6.117	-.12287	1.02730	.10038	.17204	.17464	.16585	.15869	.16461	.16530	.14068
	GRADIENT	.02208	.00228	.03195	.01128	.01270	.00583	.00655	.00245	.00290	-.02713

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.599	-1.963	-.18010	1.07905	-.14964	.10795	.11407	.14355	.14379	.17022	.17720	.38049
.599	.091	-.16052	1.09068	-.08148	.13717	.13775	.15934	.16509	.17825	.19765	.32483
.599	2.060	-.09642	1.09495	-.01667	.15845	.16454	.16977	.17396	.18145	.20225	.27088
.599	4.128	-.06717	1.09095	.05121	.17725	.18177	.17889	.17581	.18348	.19255	.21471
.599	6.169	-.01614	1.08091	.11859	.18665	.19235	.18000	.17572	.17802	.19033	.16190
	GRADIENT	.01987	.00197	.03297	.01132	.01135	.00575	.00518	.00212	.00250	-.02724

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.800	-1.822	-.26162	1.15961	-.10323	.15873	.16590	.19399	.19941	.22152	.23902	.42800
.799	.082	-.21963	1.16983	-.03935	.19431	.18615	.20601	.21581	.22550	.23996	.37486
.800	2.136	-.17642	1.17238	.02979	.20964	.22368	.22468	.22266	.22816	.25150	.31792
.800	4.197	-.13435	1.16845	.09835	.22003	.24134	.22709	.23420	.24121	.24939	.25983
.800	6.281	-.08868	1.15833	.16744	.22965	.23986	.22339	.23028	.23162	.24295	.20232
	GRADIENT	.02113	.00142	.03351	.00985	.01312	.00585	.00551	.00308	.00212	-.02792

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (DVR007) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.850	-1.940	-.25143	1.18254	-.08385	.18051	.18823	.21635	.22190	.24431	.26196	.45293
.850	.144	-.26439	1.19281	-.01356	.21675	.20890	.22885	.23785	.24786	.26066	.39506
.850	2.202	-.18271	1.19548	.05499	.23158	.24671	.24651	.24394	.25028	.27326	.33736
.850	4.246	-.12456	1.19312	.12240	.24140	.26332	.24812	.25570	.26237	.27151	.27996
.850	6.335	-.08998	1.18043	.19101	.25077	.26175	.24453	.25059	.25153	.26366	.22090
	GRADIENT	.02239	.00172	.03334	.00959	.01276	.00548	.00522	.00274	.00200	-.02797

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.900	-1.931	-.32159	1.20850	-.04854	.21328	.21919	.24830	.25329	.27616	.29317	.48132
.900	.161	-.27995	1.21783	.01957	.24892	.23924	.26055	.26807	.27884	.29047	.42301
.900	2.233	-.20158	1.22134	.08745	.26439	.27624	.27633	.27326	.28077	.30316	.36551
.900	4.321	-.18726	1.21709	.15573	.27155	.29143	.27708	.28439	.29190	.29986	.30599
.900	6.393	-.14404	1.20580	.22315	.28010	.29448	.27342	.27961	.28407	.29254	.24812
	GRADIENT	.02311	.00141	.03268	.00914	.01218	.00490	.00473	.00236	.00157	-.02802

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.950	-1.845	-.29388	1.23755	-.00127	.25473	.25912	.28753	.29356	.31474	.33303	.51732
.949	.191	-.24602	1.24645	.06361	.28783	.27842	.30012	.30671	.31750	.32886	.46177
.949	2.270	-.19431	1.24888	.12914	.30572	.31333	.31349	.30996	.32153	.33992	.40267
.949	4.361	-.15003	1.24481	.19553	.31016	.32758	.31543	.32008	.32827	.33557	.34340
.949	6.385	-.11012	1.23300	.26043	.31614	.33337	.30839	.31556	.31999	.32779	.28495
	GRADIENT	.02335	.00112	.03169	.00888	.01161	.00468	.00400	.00216	.00091	-.02807

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.981	-1.847	-.27307	1.25371	.02666	.28118	.28298	.31343	.31700	.34067	.35588	.54046
.979	.196	-.19683	1.26230	.08899	.31115	.30150	.32311	.32949	.34036	.35147	.48430
.979	2.283	-.14553	1.26482	.15396	.32909	.33653	.33636	.33328	.34592	.36311	.42563
.979	4.387	-.10630	1.26019	.21977	.33349	.35001	.33806	.34302	.35006	.35798	.36522
.979	6.418	-.06751	1.24971	.28351	.33769	.35778	.33027	.33599	.34191	.34872	.30661
	GRADIENT	.02651	.00105	.03099	.00839	.01136	.00419	.00393	.00163	.00086	-.02811

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (DVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.049	-1.880	-.19879	1.29636	.09937	.34461	.34814	.37734	.38355	.40346	.42188	.59629
1.048	.124	-.16640	1.30433	.15910	.37184	.36714	.38568	.39376	.40337	.41398	.54088
1.051	2.223	-.12384	1.30750	.22361	.38646	.39967	.39898	.39510	.40409	.42539	.48400
1.051	4.323	-.05623	1.30283	.28621	.39219	.41012	.39574	.40575	.40873	.42019	.42437
1.051	6.472	-.01128	1.29162	.35025	.39661	.41300	.38990	.39461	.39187	.40918	.36187
	GRADIENT	.02274	.00108	.03018	.00757	.01055	.00330	.00328	.00080	.00032	-.02765

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.101	-1.920	-.26974	1.32794	.15550	.39654	.39344	.42790	.42867	.46557	.46584	.63479
1.098	.082	-.16714	1.33421	.20972	.42093	.41083	.43323	.43692	.46347	.45705	.58170
1.101	2.167	-.16589	1.33732	.27058	.43088	.42916	.44391	.43517	.45007	.46464	.52185
1.100	4.279	-.12353	1.33364	.33097	.43407	.44118	.43769	.43469	.45139	.45825	.46178
1.098	6.344	-.01847	1.32234	.38910	.43877	.45700	.43259	.43147	.43641	.44358	.40406
	GRADIENT	.02117	.00096	.02840	.00590	.00780	.00192	.00078	-.00270	-.00073	-.02799

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-1.979	-.25665	1.35874	.17287	.41290	.40485	.43845	.44075	.46260	.47865	.64221
1.149	.012	-.21629	1.36544	.22467	.43235	.42103	.44387	.44618	.45835	.46536	.58598
1.151	2.154	-.18449	1.36649	.28269	.44142	.43675	.45071	.44128	.45454	.47151	.52262
1.149	4.267	-.12080	1.36280	.34075	.44137	.44797	.44457	.44031	.45775	.46402	.46083
1.149	6.306	-.07772	1.35139	.39920	.44461	.46340	.43754	.43550	.44248	.44691	.40039
	GRADIENT	.02105	.00062	.02691	.00450	.00694	.00120	-.00031	-.00087	-.00179	-.02910

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.201	-1.981	-.26826	1.38421	.18743	.42046	.40841	.44018	.44409	.46327	.48181	.63507
1.199	.093	-.23748	1.39069	.23698	.43421	.42486	.44695	.44812	.45593	.46686	.57309
1.198	2.179	-.18602	1.39453	.28974	.44058	.43924	.44867	.44199	.45135	.47243	.51009
1.198	4.250	-.14483	1.39001	.34499	.43769	.44939	.43956	.43992	.45219	.46420	.44785
1.199	6.371	-.10171	1.37711	.40461	.44157	.46520	.43350	.43587	.43874	.44539	.38637
	GRADIENT	.02030	.00102	.02528	.00279	.00661	-.00001	-.00090	-.00182	-.00227	-.03006

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (DVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.299	-1.929	-.24030	1.43760	.20353	.42952	.40972	.45351	.44231	.47577	.47691	.62528
1.299	.039	-.19811	1.44689	.26035	.44715	.42505	.46032	.44691	.46991	.46595	.56788
1.301	2.123	-.15392	1.44493	.31030	.45347	.44120	.46586	.44264	.46783	.47340	.50907
1.300	4.246	-.10288	1.43884	.36440	.45791	.45228	.45738	.44255	.46841	.46725	.44746
1.299	6.301	-.05950	1.42815	.42129	.46302	.46527	.45421	.43948	.45079	.44915	.38470
	GRADIENT	.02216	.00006	.02583	.00441	.00697	.00081	-.00018	-.00116	-.00103	-.02874

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.401	-2.028	-.17838	1.48317	.21638	.44146	.41462	.45555	.44361	.47488	.47152	.61613
1.399	.076	-.13426	1.49325	.26416	.45490	.42663	.46670	.44627	.47055	.46682	.55775
1.399	2.205	-.08845	1.50051	.33182	.46344	.44241	.46999	.44231	.47098	.47439	.48607
1.398	4.281	-.04296	1.50132	.37714	.46196	.44938	.46154	.43906	.47095	.46664	.41908
1.400	6.338	.00219	1.48318	.42617	.46386	.45797	.45445	.43333	.45392	.44398	.35767
	GRADIENT	.02147	.00293	.02613	.00333	.00571	.00102	-.00084	-.00054	-.00033	-.03148

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.549	-2.124	-.11464	1.53477	.22069	.42558	.43255	.44788	.45688	.46621	.48489	.59326
1.550	-.045	-.05598	1.53984	.28923	.43698	.45469	.44798	.46374	.45808	.48795	.53093
1.549	2.045	-.01271	1.53876	.33054	.43968	.45307	.44509	.44735	.44707	.47768	.46951
1.549	4.167	.03577	1.53463	.37957	.44691	.46425	.44397	.44973	.44341	.47499	.41523
1.550	6.159	.07846	1.52382	.43719	.45084	.47036	.44199	.44615	.43361	.45646	.35890
	GRADIENT	.02358	-.00007	.02470	.00318	.00446	-.00070	-.00181	-.00378	-.00191	-.02940

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	8.038	.01701	1.41498	.46954	.44831	.47493	.43409	.44528	.43126	.44591	.32272
1.300	11.908	.04855	1.37319	.58085	.43981	.47824	.41649	.43928	.39281	.42285	.21996
1.299	15.903	.05811	1.29752	.70352	.42480	.46481	.39711	.41289	.36561	.41006	.12358
1.299	17.967	.06515	1.25356	.76837	.40930	.45594	.38123	.39923	.34514	.39323	.07074
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.319	7.955	.00358	1.42676	.46704	.45373	.47588	.44012	.44330	.43726	.44508	.33072
1.319	11.997	.03900	1.37675	.58688	.44886	.47834	.42501	.43957	.40129	.42481	.21949
1.320	16.006	.05064	1.31077	.70693	.42809	.45970	.39902	.40694	.36580	.40585	.11448
1.320	18.010	.05863	1.26473	.76927	.41225	.45241	.38270	.39389	.34516	.39146	.06584
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 33/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.340	7.977	-.00549	1.43577	.46886	.46413	.47393	.44970	.43897	.44515	.44075	.32438
1.340	12.002	.02713	1.38371	.58770	.45973	.48052	.43621	.44034	.41232	.42661	.23064
1.337	16.034	.04138	1.31435	.71067	.43709	.46146	.40636	.40793	.37366	.40885	.11769
1.335	18.010	.04997	1.27460	.76922	.41802	.45025	.38757	.39069	.34952	.39037	.06687
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.360	7.980	-.02354	1.44113	.47121	.46412	.47979	.45099	.44727	.44961	.44913	.33486
1.360	11.974	-.00388	1.40084	.59016	.45736	.48527	.43478	.44313	.41116	.42910	.22709
1.360	16.056	.02824	1.32941	.70867	.43495	.47035	.40649	.41704	.37320	.41862	.11552
1.361	17.986	.03881	1.28845	.76805	.41687	.46042	.38800	.40058	.35107	.40112	.07167
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.378	7.985	-.03572	1.45934	.47500	.46501	.48300	.44207	.45115	.43859	.45377	.32499
1.380	11.946	-.00282	1.41523	.59127	.45236	.48966	.43055	.44350	.40676	.43520	.22560
1.381	16.045	.01314	1.34768	.71020	.43103	.47022	.40367	.41644	.37147	.42119	.11690
1.381	17.951	.01835	1.30688	.77008	.41582	.46184	.38712	.40052	.35056	.40440	.07164
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.400	7.991	-.04478	1.47158	.47515	.44410	.48449	.43010	.45226	.42223	.45536	.32229
1.400	11.952	-.01467	1.42452	.58534	.43841	.48589	.41676	.44619	.39342	.43460	.22273
1.401	16.014	.00039	1.35359	.70943	.42416	.46883	.39594	.41382	.36406	.42084	.11950
1.399	17.971	.01113	1.31464	.77012	.41131	.46206	.38310	.40012	.34324	.40457	.07153
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.450	7.985	-.07387	1.48165	.48219	.45887	.47226	.44336	.43849	.43138	.44322	.32390
1.449	11.857	-.06348	1.43916	.59067	.45252	.48348	.42992	.43547	.40715	.42760	.22469
1.451	16.025	-.12111	1.36817	.70832	.43998	.46611	.41086	.40841	.37805	.41362	.13443
1.451	18.092	-.11734	1.32745	.77346	.42963	.45989	.40144	.39670	.36173	.39591	.09025
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.201	-1.766	.11013	.97848	-.17092	.06418	.07982	.09777	.11348	.11923	.15777	.34227
.201	2.228	.11051	1.00825	-.04678	.12567	.13258	.13555	.13765	.14479	.16317	.23275
.201	6.192	.11030	1.00421	.08430	.15377	.15783	.14798	.14152	.14513	.15650	.13081
.201	10.191	.11117	.94845	.21185	.14772	.15107	.13120	.12260	.11977	.12686	.02249
.200	14.198	.11075	.87172	.34278	.11377	.12879	.09418	.09417	.07610	.09199	-.07871
.201	18.204	.11088	.72753	.46901	.04818	.07019	.03394	.03323	.01188	.02968	-.17024
	GRADIENT	.00010	.00745	.03109	.01540	.01321	.00946	.00605	.00640	.00135	-.02742

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.397	-1.964	.08138	1.02220	-.15509	.08275	.09641	.11655	.12990	.14095	.16959	.36078
.399	2.089	.08177	1.04111	-.02396	.14627	.15268	.15572	.15786	.16609	.18159	.25291
.400	6.076	.08096	1.02847	.10486	.17379	.17704	.16788	.16241	.16634	.17326	.14766
.399	10.062	.08103	.97749	.22958	.16630	.17190	.14985	.14242	.13817	.14396	.03877
.399	14.055	.08145	.89305	.35832	.13210	.14205	.11215	.10785	.09344	.10237	-.06332
.398	18.049	.08187	.76730	.48267	.06198	.08618	.04473	.04825	.02240	.03807	-.16287
	GRADIENT	.00010	.00467	.03235	.01567	.01388	.00991	.00690	.00620	.00296	-.02661

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.599	-1.951	-.03835	1.07525	-.14994	.11068	.11244	.13314	.14748	.15913	.19764	.38137
.600	2.115	-.03766	1.09337	-.01545	.15979	.16437	.17228	.17087	.18865	.20473	.26898
.601	6.089	-.03856	1.07851	.11751	.18698	.18979	.18295	.17520	.17954	.18545	.16029
.600	10.078	-.03858	1.02967	.24885	.18340	.18640	.16554	.15620	.15331	.15582	.05409
.600	14.086	-.03596	.94888	.37709	.15082	.15992	.12711	.12242	.10657	.12430	-.04791
.598	18.076	-.03387	.82812	.50521	.08136	.10570	.06121	.06328	.04039	.05010	-.14364
	GRADIENT	.00017	.00446	.03308	.01208	.01277	.00963	.00575	.00726	.00174	-.02764

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.699	-1.936	-.00705	1.11025	-.13568	.12971	.14370	.15995	.17438	.17952	.21619	.40088
.702	2.061	-.00744	1.12787	-.00049	.17907	.18153	.19514	.19456	.21693	.22340	.28959
.703	6.114	-.00823	1.11372	.13544	.20443	.20644	.20817	.19114	.20038	.20206	.17910
.701	10.066	-.00679	1.07014	.26684	.20219	.20545	.18452	.18339	.18234	.17388	.07493
.700	14.084	-.00735	.98860	39739	.18134	.17983	.14800	.14275	.12410	.14176	-.03093
.697	18.070	-.00510	.87308	.52583	.10503	.12797	.08202	.08284	.07068	.07964	-.12909
	GRADIENT	-.00010	.00441	.03383	.01235	.00947	.00881	.00505	.00936	.00180	-.02785

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.801	-1.983	.04709	1.15327	-.09826	.16192	.17524	.19293	.20763	.21367	.24936	.43318
.800	1.919	.04480	1.16971	.02516	.21800	.20806	.22657	.22421	.24709	.25228	.32482
.800	5.912	.04296	1.15704	.15927	.23199	.23406	.23859	.21863	.24036	.24128	.21750
.800	9.967	.04397	1.11286	.29479	.23196	.24500	.21414	.21537	.21624	.20352	.10500
.800	13.967	.04370	1.03761	.42553	.21421	.21364	.17877	.18082	.15480	.17384	-.00602
.799	18.030	.04692	.92827	.55780	.14231	.17038	.13203	.11890	.10407	.11377	-.11571
	GRADIENT	-.00059	.00421	.03163	.01437	.00841	.00862	.00425	.00856	.00075	-.02777

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.900	-1.953	.10581	1.20494	-.04478	.21586	.22901	.24725	.26253	.27034	.30432	.48239
.900	1.965	.10638	1.21810	.08667	.26721	.26038	.27672	.27890	.29758	.30403	.37219
.900	5.944	.07905	1.20469	.21398	.28263	.29422	.28766	.27006	.29033	.29383	.26117
.900	9.984	.07976	1.16371	.34544	.28164	.29942	.26373	.26652	.26731	.26038	.15118
.900	13.992	.10739	1.09420	.47511	.26714	.26752	.23042	.23545	.20605	.22596	.04172
.900	17.996	.10267	.99060	.60448	.19988	.22564	.18749	.17526	.15713	.16883	-.06707
	GRADIENT	.00015	.00336	.03356	.01311	.00801	.00752	.00418	.00696	-.00007	-.02813

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.950	-1.973	.05681	1.23260	-.00126	.25625	.26737	.28761	.30054	.31056	.34197	.51915
.950	1.989	.03369	1.24486	.12834	.30515	.29648	.31433	.31157	.33476	.34045	.40848
.950	6.006	.08435	1.23370	.25363	.32227	.32887	.32442	.30498	.32648	.32747	.29855
.950	9.980	.02360	1.19437	.37799	.31726	.33394	.29919	.30067	.30230	.29080	.18570
.950	14.007	.01365	1.12419	.50561	.30285	.30294	.26596	26985	.24164	.25893	.07001
.950	17.985	.00940	1.02567	.63386	.23850	.27703	.22469	.21230	.19337	.20484	-.04665
	GRADIENT	-.00583	.00309	.03271	.01234	.00735	.00674	.00278	.00611	-.00038	-.02793

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.980	-2.021	-.00019	1.24950	.02415	.28157	.29037	.31260	.32349	.33604	.36469	.54155
.979	2.041	.03281	1.26180	.15289	.32811	.31934	.33732	.33350	.35759	.36237	.42816
.980	6.025	.03086	1.24960	.27923	.34673	.35224	.34570	.32718	.34733	.34953	.31925
.980	9.998	-.00454	1.21099	.40061	.33884	.35484	.32077	.32127	.32333	.31175	.20442
.980	14.003	-.02239	1.14307	.52705	.32495	.32320	.28767	.28977	.26305	.27856	.08692
.980	18.003	.00647	1.04664	.65312	.26081	.29957	.24653	.23338	.21444	.22538	-.03400
	GRADIENT	.00813	.00303	.03170	.01146	.00713	.00608	.00246	.00531	-.00057	-.02792

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.050	-1.995	-.02704	1.29357	.10254	.34980	.35671	.37952	.39099	.40137	.43125	.59578
1.049	2.060	-.04828	1.30527	.22151	.39267	.38343	.40165	.39366	.41957	.42389	.48120
1.049	6.072	-.02341	1.28299	.34278	.40143	.40973	.40507	.38781	.40650	.40589	.37206
1.050	10.045	-.02190	1.25443	.46355	.39800	.41033	.37946	.38056	.37693	.36964	.25807
1.050	14.074	-.00166	1.19011	.58349	.38098	.38320	.34400	.34995	.31880	.33884	.13743
1.049	18.029	-.00585	1.09571	.70455	.32309	.34998	.30701	.20361	.27543	.28467	.00045
	GRADIENT	-.00524	.00353	.02364	.01057	.00659	.00546	.00066	.00449	-.00182	-.02826

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.100	-2.011	-.01986	1.32388	.15289	.39461	.40215	.42287	.43758	.44641	.47721	.63401
1.099	2.052	-.01635	1.33498	.26944	.43418	.42791	.44216	.43701	.45939	.46764	.52086
1.100	6.005	-.02448	1.32266	.38058	.43972	.44737	.44378	.42881	.44517	.44779	.40843
1.100	10.024	-.01078	1.28469	.49937	.43506	.45036	.41706	.42003	.41481	.40820	.29313
1.100	14.083	.03931	1.22352	.61616	.41981	.42406	.38336	.39197	.35931	.38023	.17352
1.100	18.076	.03235	1.13608	.73439	.36423	.39046	.34835	.33929	.31730	.33062	.05263
	GRADIENT	.00086	.00273	.02869	.00974	.00634	.00475	-.00014	.00319	-.00236	-.02785

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.148	-1.987	.03939	1.35370	.17363	.40690	.41468	.43350	.45025	.46092	.48970	.64130
1.149	2.086	.03878	1.36454	.28478	.44100	.43381	.44833	.44385	.46395	.47517	.52223
1.151	6.046	.05813	1.35156	.39148	.44564	.45574	.44643	.43419	.44749	.45180	.40521
1.151	10.040	.06707	1.31521	.50713	.44006	.45902	.42047	.42578	.41726	.41416	.28870
1.150	14.088	.06219	1.25572	.62554	.42988	.43577	.39291	.40299	.37010	.39051	.16905
1.150	18.062	.05279	1.17110	.74600	.38145	.40861	.36430	.35668	.33304	.34832	.05486
	GRADIENT	-.00015	.00266	.02729	.00837	.00543	.00364	-.00157	.00074	-.00357	-.02924

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.200	-1.998	.05089	1.38332	.18259	.40900	.41040	.43027	.44675	.46420	.48699	.62865
1.200	2.045	.06296	1.39012	.28332	.43819	.43180	.44480	.43713	.45716	.46931	.50676
1.199	6.060	.06113	1.37725	.39041	.44395	.44966	.44252	.42821	.44239	.44544	.38896
1.199	10.055	.07340	1.34226	.50647	.44222	.45859	.42019	.42402	.41586	.41200	.27556
1.200	14.080	.06967	1.28313	.62597	.43315	.43743	.39531	.40417	.37381	.39314	.15406
1.200	18.036	.04676	1.20449	.74887	.39111	.41743	.37384	.36446	.33820	.35773	.05192
	GRADIENT	.00299	.00168	.02491	.00722	.00529	.00359	-.00238	-.00174	-.00437	-.03014

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	-1.999	.01468	1.44019	.21434	.42210	.43548	.43928	.47040	.47239	.50867	.62792
1.300	2.014	.01629	1.44107	.31007	.44979	.45839	.45506	.46220	.46177	.49426	.51084
1.300	5.952	.01788	1.42854	.41182	.45007	.47342	.44935	.45350	.44949	.46750	.38915
1.300	9.980	.02622	1.39361	.52504	.44712	.48205	.42679	.44765	.41428	.43443	.26248
1.300	14.018	.02552	1.33430	.64600	.44510	.46791	.40812	.43249	.38196	.42303	.16145
1.300	18.041	.01847	1.25087	.77131	.41138	.45198	.39464	.39697	.35150	.39351	.06038
	GRADIENT	.00040	.00022	.02386	.00690	.00568	.00393	-.00204	-.00265	-.00359	-.02918

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.550	-1.888	-.12793	1.52435	.22333	.42383	.43094	.44015	.45427	.46852	.48322	.58002
1.550	2.047	-.12894	1.53270	.31973	.44076	.44655	.45236	.44307	.45008	.47708	.46276
1.550	6.027	-.12802	1.52101	.43215	.45794	.46180	.44892	.43983	.44526	.45094	.35752
1.549	10.107	-.12029	1.48552	.53496	.46610	.47196	.44883	.43394	.43270	.43310	.27246
1.550	14.069	-.12162	1.44269	.64727	.45824	.47315	.42826	.42743	.39624	.42639	.17408
1.549	18.098	-.13278	1.35553	.77547	.43588	.45592	.41916	.40186	.36501	.39617	.08225
	GRADIENT	-.00026	.00212	.02450	.00430	.00397	.00310	-.00284	-.00469	-.00156	-.02980

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.219	8.054	2.02335	1.37098	.45738	.38187	.51594	.36917	.48287	.37266	.48179	.32660
1.219	11.957	2.18803	1.32132	.57191	.38496	.51226	.35312	.47592	.34284	.45647	.21025
1.220	16.095	2.11806	1.24897	.69513	.35419	.49760	.33799	.44345	.29645	.43392	.10417
1.218	18.084	2.07728	1.20740	.75679	.32996	.48667	.32082	.42905	.29121	.41616	.05238
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.240	8.054	2.02446	1.37558	.45740	.38166	.51745	.36871	.48485	.37079	.48329	.31649
1.240	11.968	2.04950	1.33551	.57197	.38944	.50961	.35782	.47243	.34689	.45257	.20384
1.238	15.977	2.04826	1.26045	.69282	.36304	.49875	.34489	.44486	.30314	.43618	.10384
1.239	18.079	2.06859	1.21409	.75765	.33482	.48994	.32570	.43140	.29491	.41809	.04935
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.260	8.045	2.01750	1.39018	.45785	.38463	.52183	.37260	.49188	.37477	.49120	.33018
1.259	11.981	2.04742	1.34419	.57485	.39029	.51947	.35906	.48469	.34717	.46415	.20839
1.258	15.984	2.06836	1.26970	.69661	.36156	.51164	.34451	.45756	.30313	.44870	.10485
1.258	18.096	2.03443	1.22477	.76275	.33592	.50120	.32769	.44240	.29531	.42931	.05354
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.280	8.039	2.03566	1.40241	.45835	.38929	.52476	.37766	.49689	.37876	.49679	.32764
1.280	11.999	2.06283	1.35255	.57662	.38866	.52879	.35720	.49516	.34302	.47407	.21206
1.280	15.970	2.02933	1.28063	.69924	.36497	.52135	.34814	.46731	.30725	.45821	.10756
1.279	18.105	2.03235	1.23494	.76448	.33772	.51253	.32991	.45315	.29879	.43971	.05622
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	8.026	2.01617	1.40998	.46273	.39487	.52538	.38282	.49758	.38392	.49786	.33069
1.300	11.917	2.16776	1.36625	.57459	.38636	.53296	.35522	.50054	.34047	.47979	.21698
1.300	15.977	2.01801	1.29094	.69875	.36686	.52474	.34857	.47127	.30568	.46299	.10479
1.301	18.072	2.03973	1.24619	.76396	.33903	.51616	.32902	.45666	.29804	.44414	.05371
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.320	8.006	2.01764	1.42683	.46616	.39684	.52550	.38588	.49537	.38476	.49574	.32744
1.321	12.016	2.04958	1.37445	.58265	.39570	.53152	.36372	.49730	.34759	.47749	.21298
1.319	15.986	2.02529	1.30425	.70170	.37042	.52494	.35074	.47104	.30754	.46332	.10316
1.321	18.067	1.99448	1.26060	.76494	.34058	.51504	.33057	.45530	.29397	.44422	.05468
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.341	8.001	2.01912	1.44051	.46662	.39812	.52995	.38825	.50055	.38476	.50169	.33297
1.340	12.007	2.03843	1.38584	.58643	.40351	.53873	.37235	.50544	.35481	.48727	.21666
1.340	15.979	2.02636	1.31889	.70496	.37454	.53180	.35399	.47848	.31218	.47070	.10808
1.340	18.098	1.98389	1.27316	.76924	.34469	.52117	.33579	.46176	.29584	.45141	.05890
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (DVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.360	7.994	2.01203	1.44831	.46447	.39880	.53014	.38729	.50164	.38177	.50278	.32768
1.360	11.935	2.00672	1.39740	.58532	.40524	.53694	.37604	.50342	.35729	.48549	.21839
1.360	15.984	1.97916	1.32899	.70451	.38208	.53175	.36135	.47864	.31825	.47196	.10729
1.360	18.040	2.01337	1.28546	.76767	.34860	.52291	.34106	.46356	.29698	.45439	.05834
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.380	7.981	2.00908	1.44400	.46844	.40033	.53894	.38922	.50353	.38706	.50466	.32801
1.379	11.967	1.96863	1.41094	.58633	.39765	.53837	.36947	.50301	.35452	.48525	.21184
1.381	15.941	1.97776	1.34591	.70352	.37681	.52884	.35718	.47889	.31236	.47203	.10756
1.381	18.045	1.95208	1.30016	.77003	.34691	.51980	.34263	.46032	.29592	.45365	.05934
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.401	7.957	1.99119	1.45689	.47460	.40293	.54094	.39127	.50533	.38959	.50693	.32495
1.400	11.908	2.07310	1.41647	.58410	.38419	.54064	.35951	.50699	.34536	.49174	.21781
1.399	15.912	1.94836	1.34788	.70553	.37035	.52680	.35416	.47477	.30815	.47209	.11293
1.401	18.020	1.94410	1.30501	.76948	.34515	.51960	.33931	.46020	.29016	.45541	.06138
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.450	7.958	1.97132	1.47455	.49229	.40508	.54203	.39430	.50802	.38987	.50962	.32423
1.450	11.985	1.88933	1.43063	.59390	.40284	.53558	.37558	.50228	.35774	.48899	.21377
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.450	16.008	1.95034	1.35931	.71241	.38602	.53064	.36843	.47727	.32326	.47764	.11794
1.449	17.954	1.92255	1.32301	.77392	.36601	.52349	.35971	.46154	.31102	.46163	.07885
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.200	-1.724	.10896	.99941	-.17102	.06287	.08339	.09496	.11573	.11650	.15161	.34098
.202	.162	.10889	1.00766	-.10407	.10174	.11543	.12192	.13393	.13754	.16088	.29197
.202	2.150	.10901	1.01684	-.03676	.13226	.14295	.14239	.14800	.15019	.16856	.24644
.200	4.102	.10890	1.01978	.01618	.13969	.14683	.13765	.14191	.14270	.15845	.18286
.199	6.155	.10895	1.00577	.08788	.15374	.16015	.14586	.14436	.14442	.15378	.13351
.200	8.172	.10944	.97625	.15333	.15847	.16409	.14561	.13982	.13773	.14414	.08314
.200	10.191	.10956	.95603	.21917	.15365	.15790	.13714	.12843	.12343	.12844	.03246
.200	12.186	.11012	.91211	.28342	.13682	.14621	.11974	.11251	.10248	.10964	-.01694
.200	14.194	.11033	.85530	.33712	.10793	.12959	.08816	.09028	.06881	.08240	-.07521
.199	16.200	.11056	.80529	.40935	.07339	.10365	.05419	.05782	.03524	.05054	-.12798
	GRADIENT	-.00000	.00361	.03229	.01338	.01117	.00761	.00474	.00467	.00144	-.02671

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.250	-3.986	.04782	.96920	-.21701	.03808	.05100	.08626	.10926	.11935	.15884	.41272
.251	-2.079	.04761	.99578	-.16044	.07817	.08523	.11460	.12744	.13963	.16815	.36261
.251	-.007	.04722	1.01742	-.09731	.11522	.11650	.13800	.14297	.15585	.17718	.30919
.252	1.932	.04728	1.02518	-.03790	.14063	.13973	.15266	.15334	.16334	.17891	.25648
.253	3.917	.04702	1.01681	.02278	.15766	.15393	.15969	.15615	.16462	.17508	.20110
.254	5.951	.04749	1.00858	.09284	.16935	.16701	.16296	.15873	.16298	.17342	.14964
.253	7.977	.04765	.99008	.15851	.17278	.16761	.15862	.15225	.15300	.16138	.09664
.252	10.002	.04759	.95598	.22131	.16470	.16802	.14757	.14257	.13835	.14681	.04525
.251	11.976	.04770	.92343	.28453	.15217	.15268	.13203	.12627	.11841	.12769	-.00922
.252	13.990	.04751	.87113	.34790	.12728	.13566	.10799	.10583	.09089	.10368	-.06021
.253	16.030	.04821	.81016	.41012	.09341	.11169	.07568	.08204	.05658	.07779	-.10832
	GRADIENT	-.00010	.00629	.03038	.01522	.01314	.00933	.00604	.00576	.00218	-.02671

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.399	-1.685	.08248	1.02883	-.14520	.09198	.10801	.12451	.14049	.14836	.17721	.36660
.399	.013	.08249	1.04241	-.08701	.12359	.13273	.14374	.15186	.16125	.17985	.31468
.401	1.980	.08196	1.04263	-.02609	.14787	.15640	.15811	.15998	.16855	.18124	.26038
.400	3.996	.08186	1.04578	.03910	.16627	.16968	.16676	.16437	.17065	.17874	.20742
.401	5.974	.08179	1.02970	.10362	.17614	.17832	.16882	.16334	.16690	.17188	.15482
.400	8.006	.08143	1.01522	.16870	.17702	.17804	.16384	.15562	.15724	.15913	.10157
.401	10.007	.08146	.98509	.23749	.17274	.17650	.15465	.14802	.14383	.14765	.05217
.400	12.047	.08106	.94342	.29996	.15592	.16251	.13508	.12959	.12031	.12416	-.00451
.399	14.037	.08164	.89664	.36061	.13470	.14418	.11275	.10726	.09443	.09947	-.05602
.399	16.028	.08161	.83822	.42584	.10293	.12001	.08233	.08153	.06168	.07101	-.10582
	GRADIENT	-.00012	.00259	.03131	.01258	.01062	.00718	.00406	.00377	.00030	-.02712

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.600	-1.874	-.04319	1.07894	-.13238	.10400	.11779	.13737	.15126	.16269	.19499	.38549
.600	.028	-.04294	1.09328	-.07246	.13490	.14506	.15658	.16376	.17435	.19771	.33412
.601	2.030	-.04326	1.09572	-.00939	.16253	.16647	.17267	.17244	.18351	.19427	.27754
.601	4.126	-.04440	1.09600	.05722	.18120	.18263	.18145	.17674	.18543	.19172	.22042
.602	6.079	-.04259	1.08033	.12236	.18969	.19070	.18200	.17508	.17979	.18367	.16702
.602	8.055	-.04281	1.06174	.18751	.19217	.19214	.17831	.16814	.17096	.17141	.11417
.601	10.054	-.04134	1.03495	.25237	.18612	.18699	.16692	.15655	.15473	.15502	.05999
.601	12.077	-.04001	.99652	.31701	.17217	.17640	.14946	.14082	.13246	.13499	.00536
.600	14.076	-.03673	.95187	.38047	.16008	.16198	.12704	.12373	.10536	.12563	-.04801
.600	16.039	-.03301	.89720	.44366	.12155	.13712	.11143	.09572	.07715	.09555	-.09904
	GRADIENT	-.00020	.00265	.03159	.01293	.01076	.00739	.00424	.00384	-.00068	-.02759

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.700	-2.035	-.00730	1.11191	-.13240	.12377	.13892	.15084	.17101	.18217	.21424	.40394
.699	.139	-.01408	1.12664	-.06004	.15770	.15975	.17414	.18718	.19279	.21451	.34470
.700	2.072	-.00653	1.13022	.00312	.18596	.18205	.19327	.19127	.19879	.22183	.29086
.701	4.008	.00230	1.12839	.06625	.19350	.19833	.19650	.19203	.20435	.22019	.23719
.701	6.043	-.00304	1.11667	.13427	.20409	.20638	.19713	.19087	.19633	.20175	.18166
.701	8.045	-.00475	1.09831	.20125	.20737	.20731	.19394	.18521	.18626	.18880	.12707
.701	10.045	.01324	1.07127	.26658	.20209	.20603	.18335	.17450	.17046	.17260	.07299
.699	12.024	.00462	1.03728	.33142	.19009	.19649	.16772	.16890	.15007	.15829	.01932
.699	14.070	.01986	.99260	.39705	.17970	.18106	.14593	.14436	.12330	.14106	-.03668
.698	16.050	.03620	.93951	.46162	.14230	.16186	.12982	.11719	.09332	.11485	-.08862
	GRADIENT	.00178	.00269	.03286	.01190	.01000	.00783	.00340	.00363	.00125	-.02762

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.800	-3.954	.04038	1.13431	-.17959	.12254	.13566	.16738	.18644	.19784	.23787	.48428
.800	-1.973	.04221	1.15422	-.11062	.15987	.17049	.19264	.20301	.21568	.24482	.42854
.800	-.059	.04052	1.16543	-.04492	.18962	.18516	.20436	.21475	.23696	.24982	.37542
.800	1.946	.03434	1.17005	.02595	.21648	.20698	.22646	.22224	.24564	.24992	.31938
.800	3.976	.03163	1.16766	.09322	.22374	.22188	.23556	.21872	.24555	.24508	.26346
.799	6.001	.03136	1.15630	.15992	.23369	.23193	.23845	.21799	.24079	.23093	.20746
.800	7.989	.03248	1.13931	.22520	.23696	.24873	.22480	.21468	.22841	.21834	.15391
.800	9.976	.03421	1.11376	.29036	.24043	.24167	.21494	.21350	.20430	.20292	.09965
.800	12.010	.03508	1.08045	.35983	.23271	.22540	.19982	.19885	.18096	.19523	.04530
.800	14.004	.03785	1.03928	.42111	.21478	.21282	.18027	.18000	.15561	.17244	-.00809
.800	15.992	.04120	.98932	.48739	.18262	.19346	.16514	.14829	.13325	.14560	-.05997
	GRADIENT	-.00129	.00415	.03449	.01307	.01056	.00860	.00422	.00632	.00098	-.02785

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.850	-4.019	.09121	1.16023	-.15135	.15177	.16531	.19488	.21615	.22408	.26712	.51073
.849	-2.012	.03418	1.17997	-.08181	.18761	.19852	.21901	.23115	.24093	.27358	.45581
.850	-.045	.09397	1.18979	-.01237	.21679	.20998	.22932	.24147	.26335	.27401	.40050
.850	1.982	.03182	1.19335	.05541	.24226	.23000	.25078	.24468	.27080	.27444	.34324
.850	3.930	.03660	1.19074	.11402	.24830	.24521	.25906	.24220	.26911	.27048	.28878
.850	5.964	.09852	1.17907	.18036	.25506	.25530	.26086	.24075	.26348	.25547	.23161
.850	7.991	.10075	1.16216	.24843	.25923	.27218	.24614	.23800	.25272	.24054	.17629
.850	9.991	.10357	1.13789	.31429	.26421	.26550	.23635	.23760	.22548	.23162	.12234
.850	12.013	.04696	1.10419	.38003	.25552	.24833	.22103	.22278	.20187	.21717	.06752
.849	14.018	.05126	1.06327	.44553	.23750	.23615	.20220	.20313	.17642	.19478	.01299
.850	16.010	.05727	1.01598	.51037	.20692	.21696	.18902	.17081	.14805	.16786	-.04052
	GRADIENT	-.00564	.00375	.03358	.01246	.00962	.00806	.00330	.00603	.00038	-.02798

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.899	-1.933	.13339	1.20759	-.03900	.21980	.23087	.24700	.26285	.26850	.30350	.48252
.900	-.054	.09408	1.21833	.02411	.24757	.25526	.26501	.27193	.28774	.30027	.43092
.900	1.933	.12022	1.22129	.08985	.27123	.27596	.27750	.27789	.29724	.30515	.37465
.900	3.933	.07374	1.21699	.15134	.28822	.28321	.28587	.28314	.29723	.29972	.31794
.900	5.933	.08423	1.20993	.21523	.29676	.28949	.28393	.28091	.29048	.29337	.26155
.899	7.938	.11119	1.19085	.28052	.29948	.30303	.28411	.27425	.28122	.28171	.20526
.900	9.976	.08633	1.16646	.34659	.29586	.29992	.27540	.26626	.26559	.26468	.14889
.900	11.997	.06858	1.13460	.41184	.28742	.28072	.25196	.25246	.24727	.24627	.09270
.900	14.015	.12082	1.09594	.47630	.26954	.26856	.24792	.23699	.21925	.22498	.03644
.900	15.994	.10687	1.04913	.54083	.24326	.26885	.21873	.21845	.17766	.19848	-.02049
.900	18.001	.11208	.99370	.60629	.20538	.22879	.18879	.17968	.15738	.17006	-.07697
	GRADIENT	-.00778	.00157	.03250	.01167	.00905	.00657	.00341	.00485	- 00033	-.02809

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.950	-3.991	.02209	1.21534	-.07093	.22899	.24044	.27063	.28904	.29933	.33870	.57401
.950	-2.011	.06000	1.23175	-.00288	.26003	.26807	.29137	.30103	.31546	.34194	.52005
.950	.026	.02621	1.24134	.05756	.28666	.27870	.30045	.31000	.33221	.34415	.46289
.951	1.927	.02801	1.24602	.11981	.30755	.29648	.31768	.31300	.33761	.34129	.41051
.950	3.960	.03426	1.24334	.18766	.32386	.31026	.32485	.30747	.33488	.33557	.35337
.950	5.989	.03247	1.23312	.24990	.32229	.32694	.32655	.30533	.32821	.32756	.29613
.950	7.985	.08217	1.21675	.31159	.32250	.33495	.31040	.30062	.31688	.30537	.24165
.949	9.968	.08615	1.19391	.37465	.31937	.33394	.30129	.30123	.30402	.29385	.18514
.950	12.032	.07405	1.16149	.43906	.32122	.31396	.28650	.28692	.28277	.28177	.12740
.950	14.000	.01458	1.12438	.50203	.30456	.30128	.26753	.27008	.24339	.25876	.07208
.950	15.959	.03634	1.07915	.56505	.28160	.28412	.25681	.23683	.21409	.23265	.01432
.950	18.010	.01165	1.02379	.63107	.23962	.26142	.22588	.21048	.19335	.19856	-.04396
	GRADIENT	-.00039	.00354	.03225	.01196	.00847	.00679	.00246	.00470	-.00035	-.02776

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.978	-1.951	.03949	1.25069	.03014	.28426	.29366	.31128	.32504	.33202	.36554	.53975
.979	.004	.02178	1.26123	.09407	.31104	.31646	.32815	.33389	.35114	.36117	.48520
.980	1.929	.04838	1.26424	.15356	.33167	.33545	.33848	.33927	.35714	.36379	.43108
.980	3.952	.02860	1.26020	.21324	.34742	.34171	.34567	.34060	.35603	.35681	.37295
.980	5.970	.02823	1.25210	.27554	.34558	.35382	.34486	.33812	.34890	.35062	.31691
.979	7.957	.02060	1.23566	.33887	.35707	.35846	.34203	.33146	.33834	.33774	.25990
.977	9.994	.00535	1.21086	.40152	.35191	.35530	.33174	.31984	.30721	.31810	.20063
.980	12.005	.06057	1.18278	.46600	.34356	.34336	.31032	.30926	.30318	.30268	.14435
.977	13.977	-.01122	1.14660	.52667	.32732	.33914	.30535	.29004	.26436	.27767	.08514
.978	16.022	.03146	1.09866	.59089	.30173	.32406	.27512	.27146	.23242	.25228	.02401
.978	18.021	-.00828	1.04794	.65519	.26737	.30144	.24921	.24418	.21642	.22330	-.03656
	GRADIENT	-.00034	.00159	.03100	.01069	.00829	.00577	.00264	.00396	-.00121	-.02824

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.050	-4.011	-.04137	1.27808	.03903	.32564	.33564	.36542	.38082	.39278	.42895	.65128
1.050	-2.006	-.03995	1.29400	.09874	.35415	.35701	.38385	.39136	.40697	.43140	.59672
1.050	-.055	-.05610	1.30206	.15798	.37677	.36688	.38880	.39602	.41962	.41989	.54173
1.050	1.946	-.05909	1.30530	.21679	.39647	.38300	.40515	.39539	.42335	.42480	.48572
1.050	3.967	-.03072	1.30293	.27471	.40122	.39494	.41048	.39176	.41842	.41850	.42859
1.050	5.950	-.02846	1.29311	.33488	.40443	.40719	.40884	.38827	.40958	.40680	.37206
1.050	8.010	-.04364	1.27629	.39772	.40498	.41573	.39263	.38199	.39514	.38428	.31279
1.050	9.991	-.02923	1.25476	.45599	.40056	.41063	.38200	.38104	.37908	.37159	.25553
1.050	11.987	-.05063	1.22666	.51741	.40006	.39378	.36809	.36663	.35796	.36132	.19640
1.050	14.029	-.04983	1.19026	.57916	.38559	.38062	.34835	.34838	.32326	.33728	.13467
1.049	15.995	-.05507	1.14904	.63820	.36384	.36490	.33850	.31754	.29416	.31235	.07247
1.050	17.990	-.04488	1.09885	.69868	.32594	.34468	.30992	.29302	.27735	.28115	-.00076
	GRADIENT	.00013	.00306	.02960	.00971	.00726	.00560	.00130	.00339	-.00138	-.02795

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.101	-1.969	.03297	1.32775	.15256	.39858	.40435	.42042	.43827	.44585	.47704	.63733
1.099	.055	-.02458	1.33330	.20945	.41995	.41576	.43449	.44130	.44737	.46414	.57862
1.099	2.012	-.02394	1.33717	.26574	.43767	.43996	.44396	.43928	.45434	.46887	.52407
1.101	4.037	.03866	1.33358	.32175	.44054	.44975	.44460	.43468	.45495	.45924	.46673
1.098	6.006	-.02105	1.32426	.38105	.44363	.44865	.43937	.43134	.44458	.44573	.41001
1.101	8.047	.03941	1.30925	.43918	.44337	.44758	.43010	.42982	.42853	.43547	.35263
1.098	10.017	-.03499	1.28842	.49981	.43858	.45266	.41861	.41929	.40366	.41801	.29491
1.102	12.052	.02985	1.26028	.55661	.42883	.43864	.40291	.40377	.38297	.39863	.23542
1.099	14.010	-.01494	1.22362	.61482	.42234	.42221	.39509	.38889	.35955	.37676	.17482
1.100	16.025	.03519	1.18495	.67437	.40359	.40791	.37665	.36056	.33396	.35372	.11114
1.100	18.045	.03500	1.13697	.73435	.37322	.38987	.35079	.33793	.31935	.32901	.05587
	GRADIENT	.00089	.00107	.02823	.00718	.00802	.00410	-.00064	.00171	-.00245	-.02835

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-3.934	.03267	1.34245	.12481	.39201	.40724	.42855	.44948	.45325	.49439	.69872
1.150	-1.988	.03226	1.35610	.17233	.41184	.41568	.43915	.45241	.46674	.49215	.64302
1.148	.000	.03353	1.36290	.22463	.42859	.42571	.44242	.45292	.46826	.47700	.58393
1.150	1.998	.03197	1.36559	.27914	.44435	.43737	.45213	.44552	.46830	.47672	.52532
1.150	4.013	.05268	1.36275	.33628	.45096	.44565	.45406	.44144	.46115	.46749	.46616
1.150	6.026	.03196	1.35182	.39090	.44798	.45526	.44980	.43474	.45013	.45102	.40644
1.149	8.010	.03001	1.33688	.44869	.44698	.46300	.43414	.42854	.43773	.43088	.34917
1.149	10.080	.02214	1.31512	.50381	.44311	.45984	.42342	.42780	.41974	.41738	.28822
1.150	12.022	.02363	1.29008	.56541	.44249	.44740	.41165	.41676	.40520	.41157	.23262
1.146	14.094	.04003	1.25413	.62560	.43126	.43631	.39432	.40423	.37102	.39192	.17016
1.147	16.036	.03201	1.21489	.68530	.41556	.42528	.39076	.37736	.34488	.37151	.11834
1.149	18.044	.03111	1.17023	.74590	.38486	.40954	.36812	.35783	.33602	.34884	.05434
	GRADIENT	.00201	.00251	.02665	.00756	.00496	.00322	-.00116	.00086	-.00348	-.02932

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

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SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.199	-1.874	.06219	1.38492	.19189	.41997	.41876	.43918	.45533	.45876	.49361	.63572
1.200	.013	.05093	1.39117	.23496	.43563	.43368	.44917	.45386	.46325	.48151	.57519
1.199	2.024	.06468	1.39326	.28592	.44884	.45269	.45218	.44491	.46764	.47560	.51562
1.198	4.065	.06276	1.38928	.34168	.45160	.45643	.45330	.45011	.46015	.46621	.45519
1.200	5.985	.05268	1.38247	.39581	.45351	.45724	.45148	.44331	.44998	.45034	.39782
1.198	8.062	.06082	1.36544	.45566	.45634	.46456	.44091	.43819	.43978	.44412	.34245
1.198	10.072	.06415	1.34461	.51552	.46098	.46511	.43265	.42939	.41231	.42789	.28500
1.198	12.020	.07192	1.31892	.57324	.45319	.46281	.42921	.42069	.39742	.41566	.22300
1.201	13.911	.05199	1.28929	.62949	.44396	.44304	.40639	.40966	.39349	.39812	.17718
1.199	16.059	.06624	1.24906	.69475	.43021	.43845	.40370	.38993	.37198	.38171	.11327
1.200	18.069	.06521	1.20695	.75564	.40745	.43896	.38302	.37706	.34964	.36488	.05849
	GRADIENT	.00081	.00075	.02525	.00543	.00664	.00227	-.00123	.00041	-.00443	-.03031

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.301	-2.099	.02084	1.44181	.21689	.42331	.43646	.43759	.47086	.45954	.50886	.63488
1.299	-.054	.02245	1.44415	.26848	.43944	.45162	.45086	.47206	.45788	.50038	.57292
1.300	1.992	.01930	1.44316	.31261	.45336	.47344	.45582	.46440	.46331	.49489	.51477
1.301	3.918	.02128	1.43810	.35859	.45237	.46938	.45578	.46931	.46097	.48575	.45730
1.299	6.013	.02304	1.42938	.41553	.45479	.47315	.45428	.46392	.45051	.47485	.39073
1.300	7.959	.02137	1.41485	.46913	.46176	.47432	.44043	.44910	.43800	.46287	.32487
1.301	9.958	.02969	1.39464	.52647	.46158	.48424	.43070	.44739	.41091	.44696	.27068
1.299	12.010	.03138	1.37213	.58788	.45365	.48537	.43081	.44074	.39687	.43592	.21459
1.299	14.013	.03011	1.33502	.64930	.44912	.47619	.42001	.43295	.39535	.42333	.16753
1.300	15.979	.02479	1.29521	.71038	.43983	.47862	.41389	.41439	.37945	.41090	.11933
1.298	18.014	.02671	1.25334	.77487	.41756	.47135	.39881	.41029	.35760	.39554	.06853
	GRADIENT	-.00009	-.00059	.02335	.00506	.00604	.00298	-.00062	.00049	-.00372	-.02940

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.401	-1.978	-.03899	1.48578	.21846	.41825	.43956	.42826	.47036	.44764	.49940	.61931
1.401	.046	-.04466	1.48819	.26459	.43370	.45314	.44125	.47271	.44581	.50210	.56053
1.399	1.976	-.04320	1.49329	.32109	.44238	.47489	.44337	.46373	.44198	.49523	.48791
1.398	3.877	-.04274	1.49036	.36393	.44059	.46815	.44543	.46874	.44788	.48750	.42845
1.400	5.875	-.04540	1.48862	.41611	.44602	.47439	.44498	.46077	.44034	.48201	.37733
1.399	7.959	-.04244	1.46571	.47675	.45760	.48236	.43261	.45688	.42959	.47467	.32186
1.401	9.928	-.04313	1.44378	.53616	.45983	.49267	.42818	.45459	.40738	.46097	.27141
1.399	11.970	-.03625	1.42224	.59358	.45573	.49325	.43185	.44860	.39972	.45229	.22171
1.400	13.987	-.03894	1.38925	.64928	.44361	.47719	.41587	.43512	.38767	.43602	.16904
1.401	15.964	-.04001	1.35482	.71075	.44123	.48268	.41594	.41691	.37444	.42137	.11922
1.398	17.979	-.03897	1.31228	.77498	.42011	.47797	.39985	.40552	.34798	.40758	.06930
	GRADIENT	-.00051	.00097	.02528	.00391	.00554	.00277	-.00071	-.00017	-.00217	-.03308

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.550	-3.908	-.12939	1.52016	.16746	.40078	.41567	.43377	.45106	.45848	.50028	.64358
1.550	-1.938	-.13664	1.52563	.22153	.42417	.42830	.43874	.45365	.46670	.48177	.57959
1.549	.101	-.13415	1.53450	.27846	.43877	.43907	.44984	.44837	.46427	.48462	.51564
1.549	2.006	-.13436	1.53277	.31998	.44231	.44619	.45168	.44346	.45004	.47734	.46345
1.551	4.041	-.13181	1.53037	.37264	.45037	.45487	.44876	.44296	.45430	.46756	.40881
1.550	6.042	-.13033	1.52331	.43339	.45736	.46133	.44856	.43937	.44438	.45058	.35689
1.550	8.071	-.12786	1.50815	.48066	.45825	.46486	.44340	.43378	.42989	.43876	.31593
1.550	10.068	-.12125	1.48782	.53527	.46480	.46991	.44776	.43319	.43228	.43278	.27399
1.550	12.078	-.11810	1.46845	.59333	.46385	.47381	.43870	.43417	.41426	.42501	.21176
1.549	14.111	-.12056	1.44478	.64875	.45823	.47243	.42754	.42723	.39534	.42640	.17160
1.550	16.076	-.12176	1.40061	.71402	.45513	.46807	.42086	.41612	.38328	.41762	.12558
	GRADIENT	-.00013	.00139	.02565	.00592	.00485	.00217	-.00133	-.00125	-.00352	-.02952

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.199	-1.834	1.95535	.98220	-.16366	.01932	.12785	.04686	.16487	.06425	.20326	.33212
.201	.185	2.04675	.99495	-.09123	.05921	.17015	.07191	.18952	.08547	.22019	.28718
.201	2.159	2.06043	1.00046	-.03820	.07433	.18625	.07981	.19355	.08698	.21575	.23003
.200	4.155	2.01016	1.00822	.03219	.10641	.21192	.09815	.20706	.10103	.21998	.18771
.200	6.093	1.97849	1.00071	.08897	.10165	.21685	.09409	.20192	.09194	.21057	.13073
.200	7.827	1.79194	.97886	.14662	.10243	.22085	.09123	.19794	.08547	.19868	.07967
.200	9.847	1.70553	.95047	.21279	.09995	.21137	.08513	.17974	.07646	.17543	.02731
.200	11.799	1.82293	.91351	.27865	.08858	.20076	.07096	.16481	.06085	.16049	-.02076
.200	13.699	1.80752	.86280	.33314	.07075	.17657	.05392	.13408	.03586	.12398	-.07177
.199	15.718	1.83309	.80519	.39890	.03680	.14687	.02516	.10564	.00848	.09332	-.11839
	GRADIENT	.00897	.00419	.03213	.01387	.01347	.00812	.00656	.00562	.00230	-.02459

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.252	-2.013	1.92393	.99011	-.15496	.03531	.13183	.06231	.17881	.08434	.22211	.35432
.252	.002	2.04735	1.00715	-.09461	.06446	.16802	.08078	.19941	.09642	.23418	.30316
.252	1.995	2.07041	1.01490	-.03332	.08708	.19313	.09413	.20886	.10265	.23503	.24855
.252	3.987	2.07997	1.01237	.03032	.10291	.21361	.10287	.21521	.10643	.23437	.19745
.251	6.020	2.10500	.99963	.09474	.10703	.22232	.10053	.21748	.10054	.22892	.14071
.250	7.934	2.00625	.98455	.15497	.10775	.22590	.09838	.21389	.09479	.22102	.08904
.250	9.843	1.69448	.95595	.22238	.10512	.22376	.09139	.19801	.08347	.19797	.03374
.251	11.909	1.88358	.91267	.28310	.09262	.20854	.07753	.17860	.06750	.17570	-.01352
.251	13.898	1.92431	.87061	.34635	.07385	.18790	.05954	.15457	.04669	.14662	-.06399
.252	15.921	1.93182	.80252	.41014	.04099	.15524	.03317	.12126	.01754	.10988	-.11248
	GRADIENT	.02461	.00373	.03087	.01128	.01353	.00676	.00594	.00363	.00189	-.02627

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.400	-1.936	2.04605	1.01804	-.14999	.04226	.15361	.06779	.19281	.08793	.23038	.35695
.401	.022	2.05671	1.03691	-.08769	.07121	.18370	.08687	.20663	.10157	.23757	.31058
.401	2.016	2.04142	1.03817	-.02550	.09375	.20644	.10040	.21471	.10968	.23521	.25488
.401	4.002	2.04299	1.03823	.04121	.11032	.22396	.10839	.21988	.11187	.23379	.20329
.402	5.965	2.05162	1.02734	.10460	.11746	.23478	.10971	.22031	.10856	.22727	.15093
.400	7.900	1.94379	1.00691	.16431	.11957	.23790	.10711	.21521	.10208	.21601	.09662
.399	9.957	1.83495	.97700	.22741	.11397	.23016	.09954	.19879	.09097	.19375	.04188
.399	11.830	1.83907	.94563	.29383	.10908	.22226	.09235	.18764	.08067	.17531	-.00115
.398	13.838	1.85170	.89889	.35552	.09026	.19884	.07233	.15741	.05860	.14527	-.05200
.398	15.862	1.87664	.84092	.41928	.05734	.17136	.04269	.12279	.02579	.10945	-.10340
	GRADIENT	-.00124	.00311	.03210	.01144	.01180	.00683	.00450	.00403	.00039	-.02609

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.600	-1.926	1.95809	1.07071	-.13416	.05108	.16757	.07887	.20851	.10144	.25244	.38345
.600	.080	1.95860	1.08703	-.06884	.08224	.19841	.09851	.22250	.11420	.25301	.32860
.601	2.085	1.96682	1.09334	-.00306	.10565	.22231	.11300	.23159	.12247	.25362	.27457
.601	4.085	1.97066	1.08733	.06195	.11978	.23831	.11881	.23421	.12294	.24830	.22083
.601	7.998	1.95717	1.05835	.18804	.13143	.25513	.11888	.23147	.11339	.23286	.11232
.601	10.061	1.89968	1.03116	.25531	.12728	.24846	.11181	.21512	.10218	.21084	.05640
.601	11.884	1.93373	.99851	.31641	.12300	.23686	.09894	.19903	.08604	.18787	.00670
.601	13.886	1.98200	.95136	.38061	.10776	.21792	.08877	.17750	.06245	.17166	-.04644
.600	15.897	2.01520	.89617	.44460	.06755	.19193	.06477	.14453	.04270	.13868	-.09824
.598	17.853	2.00446	.83638	.50644	.03138	.16013	.01718	.11077	.01458	.09175	-.14699
	GRADIENT	.00229	.00281	.03265	.01146	.01179	.00670	.00430	.00363	-.00059	-.02705

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.698	-1.959	2.00075	1.10589	-.12506	.07793	.19606	.09412	.23130	.11804	.27679	.40279
.700	.082	1.98223	1.11990	-.05626	.10718	.21525	.11928	.24784	.13153	.27288	.34690
.700	2.041	2.00788	1.12488	.00821	.13124	.23932	.13607	.24900	.13829	.28370	.29290
.701	4.095	1.99505	1.12315	.07719	.13587	.25620	.13916	.25229	.15056	.27618	.23788
.701	6.090	2.02958	1.11268	.14285	.14195	.26721	.13477	.25286	.13739	.26099	.18266
.702	7.969	1.97410	1.09427	.20421	.14473	.27476	.13288	.25250	.12686	.25239	.12680
.702	10.040	1.87970	1.06747	.27402	.14308	.26912	.12728	.23539	.11689	.22993	.06933
.700	11.880	1.90655	1.03329	.33607	.14112	.25977	.11423	.22570	.10032	.20768	.01878
.700	13.862	1.93882	.99144	.39979	.12482	.24044	.10671	.20102	.07686	.19059	-.03443
.700	15.860	1.95279	.93846	.46560	.08758	.21504	.08301	.16518	.05840	.15763	-.08785
.700	17.910	1.97817	.87462	.52936	.04866	.18405	.03298	.13158	.02733	.11024	-.14069
	GRADIENT	.00039	.00282	.03336	.00982	.01016	.00754	.00319	.00519	.00043	-.02727

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.800	-3.939	2.03094	1.12755	-.17344	.07563	.19330	.11251	.24980	.13740	.30353	.48826
.800	-2.045	2.07342	1.14784	-.11024	.10752	.22868	.13441	.26684	.15266	.31066	.43603
.800	.000	2.05554	1.15942	-.04000	.13758	.24301	.15119	.27797	.17843	.30895	.37865
.799	1.978	2.05768	1.16537	.02690	.15942	.26532	.16665	.28293	.18533	.31172	.32548
.800	3.989	2.08144	1.16227	.09267	.16410	.28252	.17457	.28069	.18444	.30705	.26982
.800	6.006	2.10920	1.15067	.15782	.16843	.29513	.17402	.28220	.17705	.29233	.21406
.800	7.947	2.06394	1.13421	.21863	.17024	.30648	.15927	.28314	.16705	.28528	.15683
.800	10.017	1.85387	1.10839	.28729	.18473	.30686	.15606	.27740	.15167	.26161	.10061
.800	11.941	1.88748	1.07629	.35259	.17188	.29612	.14254	.26159	.12740	.25137	.04679
.800	13.904	1.91571	1.03431	.41683	.15583	.27471	.13621	.23934	.10615	.22484	-.00676
.800	15.895	1.91011	.98507	.48267	.12096	.25107	.11385	.20054	.08518	.19241	-.06005
.798	17.981	1.94270	.92553	.55088	.08390	.22287	.08096	.16822	.05679	.14623	-.11510
.798	18.963	1.95260	.89145	.58327	.06278	.20656	.06218	.15097	.03701	.12684	-.14213
	GRADIENT	.00425	.00436	.03367	.01150	.01080	.00786	.00390	.00637	.00040	-.02754

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.849	-3.974	2.05947	1.15289	-.15385	.10063	.21972	.13629	.27644	.16159	.32791	.50890
.850	-2.002	2.09662	1.17282	-.08494	.13408	.25386	.16093	.29090	.18053	.33420	.45538
.851	-.034	2.11406	1.18454	-.01645	.16129	.26655	.17643	.30142	.20213	.32691	.40080
.851	1.965	2.12168	1.18859	.05429	.18314	.28835	.18994	.30463	.20889	.33456	.34617
.850	3.993	2.08435	1.18556	.11576	.19278	.30394	.19614	.30228	.20620	.32886	.29119
.850	5.964	2.14451	1.17574	.17955	.19552	.31702	.19737	.30438	.19912	.31509	.23433
.849	7.944	2.06393	1.15790	.24019	.19221	.32930	.18077	.30542	.18997	.30709	.17676
.849	10.033	1.84843	1.13225	.31094	.20667	.33144	.17721	.30001	.18392	.28376	.11857
.850	11.921	1.83561	1.10059	.37503	.19501	.32103	.16460	.28399	.16655	.27347	.06531
.850	13.923	1.91607	1.06058	.43954	.17773	.29877	.15830	.26350	.12698	.24725	.01016
.850	15.908	1.90609	1.01390	.50550	.14486	.27578	.13658	.22450	.10579	.21570	-.04376
.849	17.942	1.92925	.95594	.57115	.11041	.24924	.10540	.19366	.08058	.18176	-.09991
	GRADIENT	.00372	.00406	.03409	.01171	.01019	.00746	.00328	.00589	.00011	-.02737

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.900	-3.941	2.05678	1.18093	-.11618	.13549	.25264	.17107	.30871	.19628	.35920	.53700
.900	-2.084	2.07112	1.19841	-.05340	.16453	.28426	.19205	.32073	.21277	.36427	.48641
.900	-.046	2.11651	1.20982	.01420	.19158	.29646	.20723	.33125	.23264	.36234	.42804
.900	1.976	2.08994	1.21353	.08164	.21293	.31691	.21973	.33303	.23843	.36248	.37356
.900	3.982	2.10629	1.21099	.15011	.22195	.33159	.22611	.32976	.23629	.35610	.31832
.899	5.913	2.16409	1.19948	.20488	.22442	.34428	.22440	.33155	.22586	.34799	.26321
.900	7.882	2.02661	1.18393	.26982	.22308	.35847	.21210	.33299	.22005	.33536	.20649
.900	10.011	1.84314	1.15955	.33998	.23663	.36310	.20697	.32974	.21339	.32003	.14767
.900	11.896	1.82934	1.12874	.40235	.22459	.35405	.19412	.31387	.19495	.30488	.09359
.900	13.993	1.90688	1.08798	.47035	.20737	.32895	.18779	.29324	.15514	.27655	.03571
.900	15.923	1.87786	1.04300	.53151	.17520	.30816	.16659	.25628	.13279	.24669	-.01737
.900	17.912	1.87469	.99011	.59590	.14490	.28357	.13945	.22811	.11266	.21123	-.07237
	GRADIENT	.00589	.00376	.03354	.01110	.00955	.00690	.00272	.00529	-.00041	-.02764

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.950	-4.053	2.03607	1.20896	-.07338	.17635	.29277	.21213	.34880	.23735	.39900	.57575
.949	-1.984	2.10660	1.22726	-.00814	.20552	.32510	.23271	.36049	.25375	.40312	.52048
.949	-.008	2.07007	1.23696	.05943	.23106	.33383	.24707	.36801	.27219	.39407	.46531
.951	2.023	2.04860	1.24006	.12364	.25065	.35328	.25812	.36937	.27651	.39821	.40988
.950	3.944	2.10564	1.23943	.18534	.26167	.36718	.26279	.36569	.27301	.39234	.35612
.950	6.031	2.08938	1.22807	.25042	.26865	.38122	.26370	.36754	.26411	.38554	.29889
.950	7.948	1.99201	1.21175	.30680	.25939	.39352	.25078	.36615	.25620	.36867	.24150
.951	9.957	1.96853	1.18948	.37135	.25726	.40007	.24115	.36706	.24483	.35621	.18368
.950	11.951	1.82302	1.15819	.43781	.26171	.38720	.23112	.34616	.23085	.33734	.12599
.949	13.889	1.89959	1.12153	.49943	.24413	.36404	.22270	.32852	.19379	.31168	.06975
.950	15.961	1.95515	1.07560	.56502	.21098	.34453	.20173	.29177	.16590	.28159	.01112
.950	17.916	1.94772	1.02380	.62886	.18237	.31996	.17622	.26355	.14768	.24851	-.04680
	GRADIENT	.00406	.00371	.03246	.01081	.00886	.00635	.00215	.00472	-.00090	-.02749

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.976	-2.013	1.94347	1.24317	.02814	.23226	.34522	.25517	.37883	.27431	.42016	.53723
.979	.038	2.03645	1.25575	.09417	.25678	.36218	.26955	.38965	.29341	.41603	.48037
.979	1.975	2.07030	1.25995	.15313	.27471	.38953	.27956	.39422	.29826	.41961	.42746
.979	3.999	2.05086	1.26012	.22024	.29004	.40389	.28691	.39994	.29746	.41469	.37352
.981	6.014	2.10355	1.24775	.28038	.29263	.40520	.28466	.39635	.28729	.40698	.31593
.980	7.954	2.02127	1.23393	.33612	.29587	.41588	.28209	.38820	.27969	.39867	.25897
.980	9.914	1.92413	1.20941	.39619	.29326	.41850	.27631	.38389	.26831	.37815	.20151
.982	12.005	1.93101	1.17808	.46219	.28392	.41177	.26431	.36728	.25017	.35688	.14174
.980	13.912	1.93635	1.14560	.52261	.26910	.38622	.25158	.34794	.22990	.33152	.08584
.980	15.939	1.94520	1.09989	.58577	.24160	.37128	.22459	.31421	.19395	.30256	.02621
.979	17.970	1.96969	1.04897	.64905	.21552	.34764	.19737	.29868	.16808	.27446	-.03600
	GRADIENT	.01787	.00276	.03181	.00958	.01017	.00527	.00340	.00373	-.00065	-.02724

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.049	-4.003	1.89573	1.27208	.03755	.27686	.38412	.31112	.43425	.33620	.48402	.65272
1.050	-1.958	1.95303	1.28845	.09902	.30193	.41029	.32813	.44621	.34989	.48687	.59561
1.050	-.003	2.00471	1.29698	.15869	.32197	.42221	.33690	.45320	.36064	.47669	.54209
1.050	2.027	2.00477	1.30039	.21905	.33991	.43696	.34694	.44990	.36443	.47888	.48712
1.050	4.028	2.01448	1.29808	.27871	.34360	.44949	.35032	.44784	.35884	.47268	.43300
1.050	6.044	2.08477	1.28947	.33650	.34505	.46023	.34606	.44744	.34748	.46096	.37701
1.050	8.002	2.01184	1.27349	.39278	.34282	.46945	.33190	.44595	.33834	.44763	.31954
1.050	10.020	2.03389	1.25123	.45548	.33690	.47778	.32116	.44592	.32011	.43213	.25846
1.050	11.946	1.93586	1.22415	.51531	.34226	.46390	.31169	.42636	.30827	.41266	.20145
1.049	13.924	1.96242	1.18740	.57593	.32595	.44214	.29673	.40631	.27275	.38993	.13934
1.050	15.950	1.99986	1.14553	.63771	.29363	.42532	.28202	.37340	.24304	.36226	.07541
1.051	17.949	2.00207	1.09869	.69837	.26801	.40444	.25881	.34828	.22947	.33137	.00267
	GRADIENT	.01442	.00319	.03005	.00855	.00786	.00485	.00154	.00298	-.00152	-.02733

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.098	-1.979	1.93984	1.31551	.14955	.34670	.45302	.36299	.48844	.38759	.52779	.62916
1.101	.040	2.03548	1.32389	.20563	.36507	.46766	.37860	.49390	.38921	.51726	.57456
1.101	2.035	2.06642	1.32537	.26187	.37865	.48949	.38316	.48906	.39350	.51820	.51843
1.099	4.029	2.01599	1.32428	.32013	.38342	.50060	.38788	.49501	.39687	.51003	.46423
1.099	6.084	2.04144	1.31518	.37791	.38273	.50623	.38504	.49136	.38518	.49443	.40727
1.097	7.996	1.99455	1.29950	.43133	.39310	.50223	.37420	.48792	.37594	.49100	.34987
1.098	10.037	2.03451	1.27736	.49274	.38792	.50572	.37329	.47620	.34791	.47115	.28953
1.102	11.854	1.86207	1.25228	.54897	.37495	.50023	.36163	.45728	.33412	.44837	.23315
1.098	13.940	1.97139	1.22039	.60932	.36762	.47567	.33680	.43891	.32633	.42306	.17427
1.101	15.878	1.91212	1.17972	.66814	.34386	.45839	.32655	.40670	.29684	.39532	.11281
1.100	17.905	1.93313	1.13483	.73023	.32115	.44089	.30168	.38438	.27576	.37074	.06121
1.100	19.879	.30709	1.09148	.78762	.35079	.36631	.31870	.31290	.29418	.29113	.00149
	GRADIENT	.01300	.00139	.02837	.00619	.00822	.00396	.00074	.00160	-.00262	-.02752

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-3.944	2.00688	1.33692	.12404	.34251	.45538	.37429	.50248	.39614	.54782	.69696
1.149	-1.937	2.01399	1.35065	.17481	.36157	.46916	.38489	.50702	.41144	.54609	.64106
1.150	.036	2.02871	1.36040	.22748	.37762	.47918	.39268	.50875	.41300	.53374	.58404
1.150	2.026	2.06033	1.36108	.28217	.38974	.49119	.39574	.50036	.41217	.53062	.52625
1.150	4.020	2.04605	1.35879	.33781	.39198	.49947	.39560	.49669	.40292	.52056	.46948
1.149	6.066	2.04735	1.34801	.39299	.39827	.50803	.39211	.49187	.39047	.50394	.40917
1.150	7.932	1.98545	1.33301	.44508	.38821	.51283	.37869	.48815	.38087	.48926	.34955
1.149	9.882	1.89758	1.31371	.50344	.38764	.51947	.37151	.48598	.36754	.47554	.29286
1.149	11.917	1.87358	1.28546	.56426	.39291	.51046	.36162	.46890	.35850	.45820	.23385
1.148	13.894	1.90700	1.25138	.62275	.38044	.48870	.34885	.45258	.32613	.43606	.17618
1.150	15.889	1.91221	1.21465	.68462	.36404	.47585	.34551	.42399	.30477	.41395	.12747
1.150	17.908	1.93465	1.16879	.74526	.33490	.45965	.32461	.40359	.29541	.39033	.06061
	GRADIENT	.00627	.00272	.02689	.00639	.00554	.00269	-.00092	.00072	-.00352	-.02865

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.197	-1.990	2.04311	1.38045	.18914	.36792	.47009	.38462	.50880	.40270	.54617	.63531
1.199	.070	2.04395	1.38634	.23570	.38358	.48271	.39376	.50819	.40685	.53514	.57264
1.198	2.066	2.05053	1.38990	.28674	.39463	.50527	.39670	.49881	.41179	.52885	.51285
1.198	4.019	2.06599	1.38737	.33919	.39660	.50606	.39685	.50486	.40405	.51914	.45584
1.198	6.032	2.08807	1.37740	.39557	.40205	.51389	.39430	.50146	.39253	.50323	.39758
1.201	7.929	2.02582	1.36412	.44832	.40399	.51644	.38313	.49691	.38326	.49941	.33969
1.197	10.006	1.81744	1.34056	.51265	.40537	.52022	.38891	.48589	.36086	.48096	.27873
1.197	11.894	1.85774	1.31348	.57066	.40072	.51948	.37893	.47453	.34760	.46616	.22057
1.202	13.907	1.90837	1.28346	.62769	.38785	.49750	.35415	.45944	.34334	.44304	.16247
1.199	15.883	1.90826	1.24641	.69080	.37524	.48740	.35295	.43747	.32527	.42339	.11239
1.198	17.907	1.90941	1.20173	.75078	.35053	.42865	.33534	.41480	.30611	.40199	.05438
	GRADIENT	.00374	.00123	.02502	.00487	.00653	.00199	-.00107	.00046	-.00436	-.02988

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	-1.965	1.97817	1.43476	.21387	.37510	.48980	.38463	.52617	.40404	.55598	.62706
1.298	.020	2.02979	1.44046	.27189	.38896	.50542	.39726	.52928	.40226	.55735	.56805
1.299	1.979	2.06454	1.44104	.31327	.39731	.52748	.39824	.51982	.40612	.54872	.50979
1.299	4.006	2.04174	1.43445	.36464	.39979	.52532	.39908	.52501	.40254	.53894	.45013
1.301	6.040	2.10263	1.42782	.41934	.40080	.52797	.39665	.51812	.39106	.52314	.38104
1.299	7.952	2.02213	1.41179	.47648	.41824	.52796	.39317	.50110	.39293	.51223	.31796
1.299	9.998	2.00536	1.39063	.53389	.42221	.52654	.40140	.49674	.37526	.49118	.27280
1.301	11.905	1.88984	1.36687	.58913	.41357	.52781	.39838	.48275	.36787	.47097	.22762
1.301	13.902	1.92981	1.33229	.65028	.41526	.51356	.39277	.47481	.36663	.46172	.17871
1.300	15.964	1.95750	1.29754	.71356	.40286	.52103	.38053	.45537	.34463	.44634	.12205
1.299	17.930	1.96522	1.25306	.77356	.37705	.51285	.36275	.44679	.32548	.42962	.07246
	GRADIENT	.01129	-.00002	.02484	.00414	.00645	.00223	-.00064	-.00004	-.00301	-.02964

OA232 AEDC 16T TF431 LA .2P/S RA .2A (DVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.399	-3.951	1.92708	1.46745	.16281	.34530	.48114	.36452	.51633	.39207	.56028	.67050
1.399	-2.062	1.98129	1.48057	.21534	.36261	.48545	.37185	.52086	.39159	.54875	.61648
1.399	-.026	1.97470	1.48378	.26340	.37623	.50149	.38256	.52362	.38856	.55315	.55808
1.399	2.010	1.98051	1.48545	.31802	.38725	.52339	.38699	.51532	.38933	.54581	.48480
1.401	4.008	2.00170	1.48503	.36598	.38855	.52101	.38980	.51945	.39032	.53441	.42011
1.400	6.040	2.10302	1.47046	.41764	.39134	.52466	.38146	.51475	.38534	.52027	.37429
1.400	8.038	2.10702	1.45571	.47206	.40634	.52511	.38045	.49861	.37915	.51338	.33068
1.400	10.115	1.94794	1.43071	.53789	.42022	.52616	.39552	.49900	.36909	.49906	.26601
1.401	11.977	1.97140	1.40964	.59205	.42050	.52576	.39805	.48774	.37023	.47985	.21222
1.399	13.972	2.00552	1.37885	.64761	.41298	.51093	.38385	.47203	.35957	.46462	.15628
1.400	15.995	2.01067	1.34196	.70636	.40267	.51484	.37990	.45321	.34640	.44617	.11394
1.399	18.010	2.02016	1.30389	.76791	.37840	.51016	.36754	.43382	.31857	.43281	.06600
	GRADIENT	.00737	.00199	.02546	.00555	.00590	.00328	.00003	-.00029	-.00273	-.03165

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.550	-3.884	1.77379	1.51718	.16976	.35992	.47163	.38531	.50897	.40765	.55661	.65043
1.550	-1.889	1.84667	1.52622	.22224	.37686	.48374	.38765	.51451	.41178	.53858	.58450
1.550	.100	1.85984	1.53547	.27930	.39255	.49410	.39973	.50989	.41076	.54452	.52442
1.550	2.143	1.86100	1.53506	.32006	.39369	.50260	.39802	.50489	.39986	.53753	.46805
1.550	4.161	1.87869	1.52918	.37303	.39153	.51141	.39428	.50261	.40119	.52511	.41580
1.550	6.194	1.95135	1.52128	.42960	.39536	.52092	.38671	.50317	.39013	.51213	.36304
1.550	8.107	2.01912	1.50705	.47482	.39631	.52887	.38150	.50156	.37487	.50568	.31715
1.550	10.075	1.93643	1.48195	.52972	.40517	.52607	.38553	.48974	.37058	.48720	.26050
1.549	11.895	1.99044	1.46306	.58578	.40636	.52829	.38286	.48510	.36025	.47791	.21000
1.550	13.923	2.04652	1.43308	.64436	.40328	.52622	.37384	.47620	.34306	.47398	.16087
1.549	15.882	2.09257	1.39606	.70605	.39533	.52288	.36778	.46639	.32928	.46449	.11957
1.549	17.875	2.09671	1.34904	.77077	.37731	.51496	.36588	.45069	.31775	.44551	.06925
	GRADIENT	.01111	.00162	.02506	.00397	.00489	.00140	-.00111	-.00124	-.00318	-.02910

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (DVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.700	-1.945	-.21587	1.11568	-.12627	.13778	.13679	.16764	.16799	.19410	.20696	.40777
.701	.002	-.17182	1.12722	-.06074	.15920	.15560	.18081	.18569	.19940	.21142	.35466
.702	2.035	-.12579	1.13188	.00726	.18330	.18120	.19102	.18737	.20161	.21101	.29804
.702	4.113	-.08251	1.13037	.07594	.19470	.20198	.19563	.19473	.20004	.21918	.23879
.703	6.181	-.03740	1.11765	.14416	.20487	.21180	.19738	.19525	.19438	.20349	.18086
	GRADIENT	.02207	.00239	.03338	.00963	.01095	.00465	.00403	.00098	.00180	-.02789

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.200	-1.708	.10331	.97696	-.17133	.06412	.07925	.09732	-.11249	.12193	.14644	.33781
.200	.137	.10451	.99876	-.10611	.09983	.11483	.12132	.13567	.13860	.16509	.29422
.200	2.134	.10608	1.00713	-.04907	.12365	.13151	.13299	.13877	.14534	.16044	.23700
.200	4.213	.10742	.99903	.01586	.13902	.14755	.13967	.14183	.14477	.15766	.17708
.200	6.138	.10875	.98809	.08348	.15260	.16040	.14534	.14677	.14468	.15397	.12807
.201	8.137	.11107	.96683	.15146	.15511	.16281	.14154	.14225	.13663	.14510	.07761
.201	10.165	.11210	.94336	.21712	.15043	.15884	.13259	.13188	.12269	.13046	.02315
.202	12.171	.11333	.90549	.28139	.13356	.14686	.11378	.11590	.10185	.11167	-.02851
.203	14.189	.11512	.85383	.34165	.11117	.12786	.09226	.09436	.07551	.08807	-.07893
.203	16.176	.11651	.78604	.40292	.07007	.09788	.05263	.06168	.03522	.05333	-.13473
	GRADIENT	.00070	.00368	.03128	.01251	.01114	.00696	.00454	.00375	.00140	-.02733

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.396	-1.917	.07926	1.01955	-.15233	.08428	.10045	.11986	.13174	.14525	.16735	.36080
.397	.032	.07939	1.03430	-.08978	.12162	.12863	.14322	.14677	.16061	.17550	.30970
.397	1.999	.07942	1.03628	-.03005	.14440	.14745	.15496	.15496	.16645	.17661	.25218
.397	4.009	.07838	1.03752	.03715	.16425	.16610	.16615	.16221	.17055	.17558	.20034
.397	6.022	.07849	1.02598	.10190	.17347	.17413	.16672	.16004	.16561	.16868	.14589
.398	8.027	.07906	1.00264	.16746	.17541	.17763	.16278	.15533	.15697	.15847	.09415
.398	10.028	.07938	.97697	.23080	.16981	.17204	.15211	.14428	.14160	.14271	.04047
.397	12.033	.07921	.93987	.29602	.15472	.16090	.13501	.12833	.12131	.12440	-.01230
.397	14.026	.07911	.89420	.35844	.13237	.14290	.11107	.10793	.09380	.09967	-.06436
.397	16.049	.08105	.83197	.42049	.09992	.11911	.07945	.08220	.06021	.07159	-.11547
	GRADIENT	-.00013	.00282	.03182	.01329	.01092	.00762	.00504	.00413	.00130	-.02729

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.598	-2.039	-.04092	1.07448	-.14851	.10106	.11084	.13302	.14250	.15983	.16477	.38048
.600	.111	-.04529	1.09017	-.07563	.13700	.14895	.15937	.16519	.17470	.19694	.32511
.600	2.039	-.04698	1.09272	-.01126	.15730	.16079	.17069	.17444	.18222	.19944	.27211
.600	3.993	-.04908	1.09092	.05385	.17525	.17735	.17919	.17227	.18385	.19715	.21936
.600	6.000	-.04848	1.08351	.12159	.18579	.18738	.18146	.17313	.18026	.18774	.16531
.601	8.000	-.04855	1.05927	.18801	.18800	.19009	.17717	.16719	.17067	.17158	.11141
.600	10.064	-.04538	1.03162	.25520	.19177	.18473	.16657	.15498	.15485	.15424	.05702
.599	12.040	-.04187	.99936	.31814	.17825	.17501	.15076	.14105	.13435	.13582	.00456
.599	14.029	-.03714	.95243	.38051	.15102	.15884	.12856	.12232	.10784	.12262	-.04787
.599	16.077	-.03416	.89517	.44364	.12019	.13582	.11102	.09476	.07664	.09404	-.10007
	GRADIENT	-.00131	.00264	.03354	.01217	.01062	.00753	.00498	.00401	.00202	-.02678

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.700	-2.042	-.00816	1.10742	-.13155	.12878	.13558	.16028	.16814	.18186	.20851	.40098
.700	.148	-.00991	1.12188	-.05554	.16235	.15493	.17604	.18320	.20809	.21487	.33917
.702	2.066	-.01194	1.12820	.00931	.18199	.17787	.19631	.19068	.21590	.21854	.28697
.701	3.979	-.01170	1.12438	.07304	.19514	.19280	.20618	.18873	.21288	.21593	.23377
.701	5.966	-.01104	1.11546	.14100	.20589	.20312	.20937	.18916	.20342	.20016	.17951
.700	8.031	-.01014	1.09726	.20967	.20858	.20800	.19611	.18401	.20005	.18772	.12311
.701	10.046	-.00879	1.06813	.27520	.21309	.20331	.18578	.17341	.18091	.17190	.06922
.699	12.047	-.00423	1.03481	.34084	.20212	.19398	.16940	.16913	.15199	.15687	.01661
.698	14.050	-.00098	.98951	.40419	.18157	.17770	.14883	.14233	.12564	.13970	-.03548
.696	16.054	.00175	.93610	.46812	.14262	.15693	.12981	.11387	.09506	.11262	-.08581
	GRADIENT	-.00054	.00232	.03397	.01101	.00973	.00791	.00352	.00515	.00132	-.02772

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.798	-1.998	.03057	1.15463	-.10055	.16389	.16900	.19447	.20086	.21734	.24127	.42991
.800	.022	.03419	1.16659	-.03069	.19478	.18525	.20697	.21450	.24000	.24707	.37311
.800	1.984	.03678	1.17024	.03651	.21957	.20630	.22734	.22039	.24694	.24810	.31786
.800	3.965	.03853	1.16718	.10571	.22468	.22207	.23559	.21785	.24580	.24463	.26211
.800	5.997	.04188	1.15715	.17372	.23472	.23187	.23889	.21745	.24052	.23750	.20619
.800	7.982	.04455	1.13805	.23996	.23769	.24817	.22633	.21381	.23213	.21624	.15338
.800	10.011	.04803	1.11243	.30746	.24258	.24355	.21533	.21417	.21741	.20153	.10051
.800	11.995	.05201	1.07922	.37130	.23268	.22497	.19896	.19908	.18086	.19421	.04601
.799	13.998	.05841	1.03939	.43586	.21476	.21170	.17984	.17892	.15543	.17068	-.00768
.799	16.024	.06224	.98710	.50122	.17951	.19233	.16332	.14686	.12544	.14360	-.06286
	GRADIENT	.00133	.00209	.03456	.01044	.00908	.00724	.00287	.00466	.00056	-.02814

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.850	-1.977	-.01089	1.17904	-.07422	.18891	.19426	.21936	.22767	.24949	.26880	.45268
.850	-.062	-.01061	1.18846	-.00891	.21619	.20771	.22882	.23734	.26316	.26626	.39809
.849	1.935	-.01186	1.19326	.05868	.24067	.22708	.25006	.24293	.27029	.27178	.34219
.850	3.949	-.00934	1.18961	.12732	.25486	.24301	.25818	.24006	.26900	.26811	.28566
.850	5.957	-.00837	1.18042	.19335	.25695	.25782	.26006	.23956	.26375	.26157	.22972
.850	7.985	-.00845	1.16203	.26032	.25866	.27107	.24829	.23611	.25208	.23891	.18034
.850	10.024	-.00681	1.13815	.32829	.26469	.26738	.23610	.23567	.23795	.22382	.12455
.850	11.988	-.00447	1.10522	.39079	.25536	.24892	.22101	.22251	.21702	.21831	.06997
.849	14.000	-.00281	1.06524	.45652	.23833	.23512	.20251	.20262	.19214	.19464	.01160
.850	16.025	-.00027	1.01520	.52289	.20623	.21667	.18804	.17050	.14836	.16757	-.04360
	GRADIENT	.00017	.00183	.03399	.01123	.00838	.00697	.00215	.00330	.00018	-.02817

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

REFERENCE DATA

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.900	-1.980	.07470	1.20493	-.04049	.22051	.22694	.24947	.25922	.27522	.29886	.48084
.901	-.001	.07249	1.21577	.02708	.24895	.24500	.26150	.26991	.29450	.30226	.42489
.900	1.973	.07069	1.21753	.09190	.27105	.25849	.27860	.27364	.29928	.30034	.36856
.900	3.975	.10464	1.21646	.15902	.28576	.27323	.28764	.27250	.29817	.29679	.31221
.900	5.969	.07693	1.20520	.22705	.28687	.28948	.28896	.26936	.29277	.29191	.25653
.900	7.987	.07942	1.18948	.29432	.28823	.30098	.28464	.26566	.28123	.26769	.20597
.900	9.981	.11112	1.16373	.35782	.29298	.29945	.26528	.26548	.26684	.25277	.15252
.899	11.999	.10889	1.13294	.42238	.28540	.27876	.25097	.25199	.24560	.24660	.09585
.900	13.996	.07874	1.09480	.48540	.26904	.26607	.23250	.23534	.22132	.22355	.04010
.900	16.018	.07892	1.04633	.55156	.24187	.24898	.21893	.20198	.17843	.19772	-.01744
.900	18.047	.07420	.99053	.61473	.20182	.22531	.18801	.17441	.15752	.15918	-.07464
	GRADIENT	.00445	.00183	.03344	.01098	.00768	.00663	.00219	.00371	-.00041	-.02834

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.949	-1.982	.05388	1.23278	.00099	.25983	.26473	.29086	.29684	.32440	.33716	.51769
.948	-.011	.07757	1.24102	.06383	.28386	.28392	.29772	.30496	.33101	.33712	.46096
.950	1.936	.02827	1.24627	.12890	.30807	.29464	.31772	.31234	.33782	.33764	.40929
.949	3.980	.08601	1.24263	.19410	.32219	.30777	.32347	.30873	.33425	.33157	.35071
.950	5.987	.08375	1.23249	.26206	.32414	.32647	.32484	.30364	.32857	.32551	.29436
.950	7.949	.08474	1.21776	.32504	.32383	.33377	.31932	.29986	.31727	.30284	.24037
.949	10.002	.08931	1.19317	.38756	.32699	.33221	.30031	.29886	.30085	.28778	.18433
.947	12.001	.07577	1.16220	.45147	.31967	.31206	.28550	.26424	.28226	.27883	.12724
.951	14.039	.01313	1.12493	.51784	.30491	.30071	.26849	.26917	.25891	.25763	.07000
.950	15.942	.03737	1.07913	.57677	.28177	.28279	.25663	.23490	.21462	.23067	.01290
.952	18.019	.00882	1.02371	.64291	.24036	.25979	.22542	.20849	.19405	.19732	-.04766
	GRADIENT	.00246	.00174	.03249	.01064	.00705	.00593	.00216	.00182	-.00083	-.02786

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.980	-2.081	.00937	1.24987	.02406	.28185	.28797	.31403	.32004	.33806	.36133	.54425
.980	.046	.03264	1.25969	.09193	.30965	.31275	.32935	.32993	.35479	.36401	.48411
.980	2.007	.03323	1.26111	.15378	.32920	.32111	.33820	.33459	.35547	.35986	.42748
.980	3.910	.03541	1.25931	.21536	.34421	.33199	.34511	.33692	.35429	.35422	.37311
.979	5.939	.03090	1.25063	.28099	.35433	.34612	.34730	.32571	.34911	.34588	.31666
.980	7.962	.03477	1.23399	.34694	.34838	.35497	.33288	.32099	.33841	.33081	.25937
.980	9.950	.00029	1.20963	.41083	.34202	.35262	.32308	.31929	.32451	.30948	.20192
.980	12.006	.00981	1.18137	.47465	.34233	.33441	.30983	.30566	.30380	.30144	.14342
.980	13.993	-.01562	1.14287	.53674	.32712	.31960	.29348	.28704	.28057	.27665	.08437
.980	16.016	-.02645	1.09872	.60040	.30633	.30497	.27977	.26166	.23698	.25141	.02472
.980	18.015	.01322	1.04693	.66304	.26451	.28357	.24946	.23153	.21676	.22272	-.03689
	GRADIENT	.00401	.00152	.03189	.01039	.00708	.00514	.00279	.00253	-.00125	-.02859

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.050	-1.963	-.03566	1.29375	.10760	.35343	.35897	.38348	.38834	.40707	.42893	.59751
1.049	-.011	-.05021	1.30180	.16618	.37699	.37796	.39190	.39369	.41946	.41717	.54217
1.049	1.940	-.05442	1.30533	.22623	.39054	.38199	.40468	.39835	.42257	.42315	.48879
1.050	3.965	-.02538	1.30139	.28857	.39928	.39311	.40845	.39025	.41583	.41582	.43051
1.049	5.981	-.01991	1.29257	.35054	.41553	.40478	.40736	.38615	.40204	.40809	.37325
1.050	7.988	-.03590	1.27566	.41192	.40637	.41404	.39217	.38012	.39231	.38303	.31619
1.050	10.014	-.02505	1.25387	.47267	.40071	.40690	.38178	.37913	.36995	.36840	.25782
1.049	12.002	-.00521	1.22759	.53205	.39905	.39318	.36705	.36558	.34798	.36088	.19971
1.049	13.994	-.00335	1.19142	.58978	.38389	.38110	.34683	.34873	.32112	.33771	.13835
1.049	16.017	-.06232	1.14703	.65098	.36351	.36191	.33820	.31385	.29413	.30917	.07358
1.050	17.994	-.05396	1.10008	.71044	.32778	.34217	.31109	.28991	.27880	.27959	.00017
	GRADIENT	.00139	.00133	.03056	.00764	.00539	.00444	.00051	.00147	-.00169	-.02810

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.100	-1.895	.04138	1.32441	.16068	.39854	.40696	.42790	.43573	.45227	.47520	.63717
1.100	-.033	-.02159	1.33182	.21536	.41903	.42451	.43387	.43981	.46040	.46317	.58292
1.100	1.941	-.02636	1.33474	.27223	.43593	.42596	.44484	.44248	.46241	.46658	.52726
1.101	4.017	.03931	1.33208	.33179	.44288	.43583	.44895	.43295	.45634	.45779	.46968
1.100	6.001	.03728	1.32280	.39027	.45541	.44552	.44708	.42816	.44421	.44980	.41382
1.100	8.012	.02959	1.30813	.44961	.44514	.45483	.43088	.42091	.43309	.42365	.35633
1.100	10.034	.02124	1.28517	.50855	.44360	.44840	.41927	.41984	.41197	.40780	.29804
1.099	12.005	-.03848	1.25805	.56726	.43852	.43306	.40502	.40531	.38848	.40053	.23859
1.100	13.998	-.01951	1.22432	.62344	.42273	.42190	.38623	.39048	.36225	.37892	.17844
1.101	16.034	.02804	1.18353	.68277	.40383	.40726	.37893	.35965	.33490	.35460	.11532
1.100	18.066	.03915	1.13495	.74235	.36716	.38851	.35062	.33688	.31973	.32345	.06004
	GRADIENT	-.00020	.00129	.02893	.00756	.00444	.00375	-.00032	.00068	-.00247	-.02831

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-1.882	.03755	1.35567	.18104	.41276	.42329	.43976	.45047	.46824	.48976	.64288
1.151	.029	.05607	1.36351	.23177	.42977	.43679	.44403	.45076	.46918	.47538	.58648
1.149	2.084	.03604	1.36538	.28842	.44504	.43700	.45230	.45239	.46862	.47539	.52617
1.149	3.966	.03535	1.36230	.34290	.45216	.44467	.45442	.44186	.46140	.46568	.46970
1.149	6.005	.03669	1.35095	.40240	.46030	.45539	.45093	.43431	.44913	.45581	.40954
1.150	8.013	.05529	1.33654	.46150	.44949	.46238	.43496	.42693	.43823	.42887	.35137
1.150	10.051	.02544	1.31498	.52014	.44940	.46018	.42434	.42656	.41756	.41421	.29242
1.150	12.043	.04822	1.28923	.57757	.44597	.44476	.41180	.41439	.39718	.40859	.23463
1.149	14.054	.04297	1.25647	.63641	.43319	.43679	.39634	.40446	.37414	.39203	.17408
1.149	16.042	.03648	1.21660	.69575	.41822	.42433	.39371	.37646	.34787	.36994	.12362
1.150	18.083	.05195	1.17034	.75570	.38608	.40687	.36842	.35423	.33718	.34505	.05548
	GRADIENT	-.00140	.00111	.02766	.00682	.00327	.00267	-.00122	-.00107	-.00367	-.02958

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.199	-1.899	.05515	1.38327	.19451	.41924	.42677	.44260	.45203	.47377	.49137	.63613
1.200	.031	.05866	1.38936	.24109	.43447	.43654	.44917	.45088	.47174	.47835	.57695
1.201	1.923	.05297	1.39225	.29214	.44719	.44023	.45391	.45011	.46974	.47299	.51703
1.200	3.944	.05186	1.38829	.34706	.45139	.44559	.45478	.43742	.46062	.46226	.45671
1.201	5.950	.05340	1.37967	.40449	.45326	.45260	.45140	.43102	.45063	.45229	.39883
1.199	8.010	.06385	1.36354	.46356	.45030	.46298	.43672	.42610	.44004	.42819	.34385
1.199	10.011	.07706	1.34290	.52373	.45323	.46336	.42924	.42879	.42376	.41638	.28710
1.200	12.066	.07659	1.31693	.58427	.45173	.45216	.41705	.41823	.40407	.41091	.22055
1.200	14.048	.07415	1.28627	.64261	.44104	.44094	.40385	.40792	.38320	.39592	.17141
1.200	16.006	.05178	1.24779	.70289	.42865	.43316	.40441	.38402	.35760	.37962	.11286
1.200	18.059	.05698	1.20570	.76319	.40109	.42128	.38320	.36734	.34826	.36188	.05994
	GRADIENT	-.00080	.00091	.02620	.00560	.00309	.00212	-.00232	-.00215	-.00477	-.03080

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.219	-1.949	.03305	1.40007	.20196	.41568	.42193	.43516	.44690	.46855	.48456	.62743
1.220	.000	.03524	1.40746	.24342	.43212	.42337	.44460	.44619	.46754	.47272	.56793
1.220	1.906	.04213	1.40653	.29243	.44235	.43034	.44981	.43609	.46328	.46698	.50915
1.219	3.926	.04444	1.40153	.34829	.44530	.43842	.45323	.43215	.45811	.45865	.45033
1.220	5.932	.04848	1.39119	.40571	.44909	.44625	.44835	.42751	.44338	.44679	.39375
1.220	7.974	.05153	1.37402	.46475	.45095	.45499	.43705	.42144	.43621	.42361	.33528
1.220	9.977	.06595	1.35131	.52521	.45302	.45067	.42825	.42227	.41839	.40994	.27517
1.219	12.006	.06980	1.32505	.58438	.45192	.44703	.41744	.41519	.39963	.40473	.21203
1.220	13.988	.06685	1.29461	.64220	.44234	.44020	.40518	.40617	.37872	.39531	.16253
1.220	16.019	.06078	1.25588	.70413	.42950	.43375	.40281	.38385	.35821	.38064	.11232
1.218	17.980	.05924	1.21333	.76448	.40270	.42353	.38473	.37008	.34547	.36412	.06370
	GRADIENT	.00210	.00017	.02500	.00506	.00289	.00304	-.00278	-.00182	-.00427	-.03021

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.240	-2.006	.03607	1.40495	.21411	.41432	.42521	.43433	.44968	.46792	.48634	.62685
1.239	.029	.04522	1.41163	.25061	.43248	.42597	.44511	.44901	.46719	.47697	.56549
1.240	1.967	.04874	1.41028	.30107	.44537	.43493	.45099	.43907	.46365	.47054	.50703
1.239	4.034	.04755	1.40611	.35834	.45755	.44382	.45476	.43640	.45922	.46251	.44794
1.240	5.980	.04966	1.39885	.41323	.46292	.45068	.45248	.43230	.44528	.45004	.39211
1.240	7.979	.05070	1.38443	.46972	.45297	.45952	.44754	.42487	.43850	.42703	.33280
1.240	10.012	.06103	1.36276	.52801	.45349	.45339	.43880	.42447	.41963	.41210	.26676
1.240	11.996	.06236	1.33764	.58652	.45331	.45156	.41931	.41814	.40949	.40617	.22299
1.240	14.012	.05779	1.30320	.64565	.44444	.44338	.40760	.40878	.38802	.39817	.16041
1.239	16.012	.04936	1.26499	.70629	.43344	.43717	.40694	.38625	.36235	.38423	.11258
1.240	18.026	.04581	1.21927	.76839	.40822	.42680	.39031	.37256	.34973	.36665	.06466
	GRADIENT	.00189	.00010	.02409	.00711	.00323	.00335	-.00247	-.00148	-.00389	-.02967

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	-1.990	.01709	1.44056	.22370	.42355	.43553	.44282	.47032	.47501	.50699	.62621
1.299	.002	.01829	1.44346	.27828	.43984	.44738	.45332	.47099	.47356	.50092	.56614
1.300	1.989	.01816	1.44115	.31780	.45173	.45781	.45680	.46153	.46709	.49330	.50850
1.300	3.995	.01773	1.43690	.36724	.45217	.46439	.45655	.45722	.46074	.48321	.44841
1.300	6.004	.02124	1.42839	.42009	.45287	.47165	.45302	.45177	.45027	.46284	.38344
1.300	8.026	.02127	1.41337	.47650	.45243	.47374	.44186	.44408	.43572	.44514	.31369
1.300	9.976	.02760	1.39433	.53317	.45138	.47946	.42933	.44632	.41981	.43232	.26166
1.300	12.011	.02962	1.37025	.59298	.45304	.47654	.42032	.43863	.40328	.42360	.21272
1.300	14.019	.02447	1.33431	.65519	.44637	.46600	.41080	.43034	.38366	.42023	.16499
1.299	15.969	.01963	1.29545	.71489	.43785	.46075	.41241	.40962	.36961	.40779	.11890
1.300	18.050	.01941	1.25061	.77860	.41343	.44957	.39684	.39366	.35465	.39019	.06912
	GRADIENT	.00009	-.00067	.02358	.00490	.00486	.00224	-.00245	-.00247	-.00396	-.02964

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR014) (26 JUL 79)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.399	-1.985	-.04436	1.48537	.21977	.41721	.43977	.42978	.47124	.46280	.50697	.61532
1.400	.022	-.03206	1.49246	.26541	.43126	.45149	.44334	.47462	.46104	.50495	.55706
1.400	1.962	-.04248	1.49834	.32763	.44024	.46076	.44411	.46367	.45065	.49478	.48166
1.399	3.977	-.03960	1.49439	.37418	.43972	.46765	.44599	.46015	.44757	.48779	.41697
1.400	5.952	-.04234	1.49298	.42823	.44615	.47741	.44467	.45825	.44022	.47565	.36939
1.400	7.986	-.03715	1.47060	.48492	.44560	.48688	.43389	.45310	.42446	.45683	.31303
1.400	9.965	-.03193	1.44781	.54478	.44719	.49352	.42564	.45717	.41047	.44676	.26191
1.400	11.982	-.02774	1.42222	.59716	.45282	.48719	.42001	.44761	.40092	.43882	.21729
1.400	13.992	-.03162	1.39188	.65365	.44422	.47154	.40949	.43500	.38180	.43519	.16308
1.400	15.951	-.03524	1.35605	.71616	.43744	.46705	.40225	.41304	.36729	.42116	.11864
1.400	17.977	-.03305	1.31334	.77825	.41632	.45940	.39767	.39881	.34619	.40407	.07163
	GRADIENT	.00021	.00166	.02649	.00386	.00469	.00250	-.00222	-.00282	-.00341	-.03381

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.550	-1.859	-.13798	1.52450	.22220	.42397	.42856	.44039	.45008	.46929	.48126	.57831
1.550	.031	-.13614	1.53563	.28011	.44053	.44068	.45043	.44895	.46632	.48075	.51850
1.550	2.052	-.13690	1.53312	.32081	.44220	.44584	.45234	.44292	.45153	.47247	.46225
1.551	4.093	-.13171	1.52779	.37371	.45061	.45445	.44962	.44137	.45399	.46200	.40738
1.550	6.060	-.12907	1.52101	.43703	.45659	.46116	.44937	.43829	.44402	.44864	.35610
1.550	8.088	-.12448	1.50650	.48290	.45793	.46418	.44302	.43248	.42996	.43680	.32031
1.550	10.082	-.11705	1.48516	.54222	.46571	.46995	.44880	.43214	.43343	.43161	.27361
1.550	12.062	-.11310	1.46665	.59916	.46518	.47407	.43884	.43398	.41476	.42342	.21235
1.550	14.095	-.11200	1.44181	.64983	.45993	.47158	.42713	.42533	.39541	.42417	.17224
1.549	16.084	-.11012	1.39803	.71562	.45239	.46671	.41913	.41405	.38165	.41521	.12501
	GRADIENT	.00091	.00034	.02489	.00408	.00416	.00146	-.00162	-.00305	-.00334	-.02861

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.201	-1.827	2.02960	.96873	-.17980	.00993	.12008	.03837	.16063	.05901	.19973	.32835
.201	.217	2.05269	.99994	-.10569	.05206	.16357	.06697	.18849	.08263	.21762	.28440
.203	2.133	2.06119	.99488	-.04046	.07787	.18841	.08344	.19756	.09328	.21857	.23325
.204	4.121	2.04341	.99739	.02238	.08885	.20503	.08812	.20162	.09300	.21685	.17877
.203	6.092	1.96772	.98625	.08280	.09122	.21183	.08281	.19933	.08354	.20631	.12118
.204	7.842	1.84828	.96602	.14485	.09641	.22244	.08528	.19963	.08115	.20102	.07211
.200	9.797	1.66435	.94183	.21083	.09683	.21152	.08245	.18217	.07530	.17787	.01932
.200	11.702	1.75393	.89439	.26680	.07904	.19627	.06369	.16106	.05383	.15098	-.03615
.201	13.722	1.80566	.84270	.32549	.04767	.16691	.03408	.12767	.02194	.11624	-.09307
.201	15.703	1.84058	.79044	.39576	.02894	.14289	.01754	.10232	.00256	.08807	-.13277
	GRADIENT	.00255	.00414	.03400	.01331	.01417	.00840	.00670	.00572	.00267	-.02528

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.397	-1.949	2.07008	1.01408	-.15244	.03889	.14691	.06522	.18664	.08725	.22554	.35400
.398	.036	2.05583	1.02677	-.09128	.06879	.17662	.08447	.20060	.10098	.22964	.30101
.398	2.027	2.08019	1.03694	-.02598	.09342	.20331	.09965	.21276	.10947	.23350	.24953
.398	4.034	2.07320	1.03429	.03811	.10772	.22057	.10651	.21790	.11124	.23080	.19717
.398	6.021	2.09153	1.01786	.10199	.11300	.23212	.10513	.21851	.10478	.22593	.14265
.399	7.888	1.93939	1.00447	.16389	.11791	.24035	.10694	.21817	.10190	.21973	.09171
.399	9.869	1.87584	.97122	.22569	.11179	.23309	.09770	.20231	.08953	.19763	.03758
.399	11.864	1.85206	.93653	.28972	.10165	.22101	.08561	.18437	.07470	.17540	-.01315
.399	13.871	1.87767	.88824	.35396	.07933	.19844	.06289	.15746	.05000	.14495	-.06607
.399	15.864	1.89269	.83136	.41645	.05277	.16786	.03754	.12536	.02231	.10975	-.11584
.398	17.907	1.91437	.76622	.47956	.01327	.13150	.00192	.08846	-.01377	.07162	-.16370
	GRADIENT	.00169	.00355	.03194	.01158	.01242	.00697	.00531	.00403	.00098	-.02617

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.600	-1.921	1.96689	1.06818	-.14480	.05874	.16522	.07754	.20548	.10014	.25142	.37521
.600	.057	1.97003	1.08472	-.07854	.08662	.20606	.10539	.22063	.11471	.25136	.32148
.601	2.070	1.96307	1.08689	-.01271	.10078	.21861	.11058	.23746	.12091	.26092	.26593
.600	4.093	1.98050	1.08560	.05236	.11591	.23571	.11729	.23307	.12213	.25661	.21212
.602	6.111	2.02001	1.07406	.11806	.12279	.24584	.11779	.23357	.11729	.24242	.15782
.601	8.014	2.01798	1.05473	.17573	.12591	.25638	.11594	.23350	.11062	.23530	.10388
.601	10.027	1.88551	1.02915	.24331	.13551	.24884	.11173	.21659	.10261	.21186	.05504
.601	11.881	1.93529	.99492	.30672	.12172	.23823	.09834	.19935	.08580	.19000	.00847
.600	13.852	1.98140	.95090	.37066	.10537	.21946	.09000	.17695	.06360	.17257	-.04095
.599	15.888	1.99601	.89507	.43643	.06639	.19197	.06414	.14493	.04066	.13763	-.09449
.600	17.896	2.01532	.82999	.50033	.02773	.15889	.03135	.11022	.01291	.09314	-.14702
	GRADIENT	.00169	.00270	.03277	.00925	.01116	.00619	.00496	.00359	.00125	-.02717

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.697	-1.908	1.99556	1.10383	-.12253	.08016	.19360	.10380	.23034	.12130	.27299	.39256
.700	.005	2.00455	1.11722	-.05762	.10859	.21023	.11790	.24498	.14840	.27734	.34064
.701	2.105	1.97784	1.12327	.01177	.12453	.23479	.13864	.24585	.15658	.27761	.28266
.701	4.058	2.00612	1.11973	.07639	.13604	.25230	.14588	.24948	.15586	.27563	.22910
.702	6.096	2.02556	1.11062	.14303	.14326	.26483	.14636	.25128	.14601	.25981	.17347
.700	7.970	1.95649	1.09323	.20363	.14587	.27209	.13613	.24938	.14310	.25090	.11831
.699	10.039	1.87047	1.06391	.27281	.15458	.26865	.12653	.23649	.13142	.23098	.05998
.699	11.895	1.91395	1.03007	.33588	.14149	.25861	.11259	.22103	.10118	.20944	.00926
.699	13.859	1.95092	.98671	.39996	.12350	.24020	.10577	.20312	.07638	.19152	-.03909
.698	15.880	1.95811	.93297	.46616	.08545	.21502	.07947	.16601	.05668	.15633	-.08446
.699	17.891	1.97689	.87153	.53006	.04864	.18424	.04752	.13257	.02691	.11141	-.13474
	GRADIENT	.00018	.00268	.03331	.00916	.01004	.00736	.00289	.00557	.00040	-.02742

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.799	-2.004	2.08335	1.14922	-.09821	.10978	.22730	.13506	.26484	.15491	.30625	.42395
.799	-.017	2.05686	1.15928	-.03081	.13793	.24135	.15083	.27533	.17822	.30842	.36797
.800	2.012	2.05643	1.16487	.03940	.16139	.26426	.16711	.27975	.18620	.30802	.31170
.800	3.963	2.10071	1.16202	.10725	.16534	.28162	.17384	.27952	.18483	.30607	.25814
.800	6.025	2.08432	1.15252	.17334	.17090	.29378	.17383	.28030	.17867	.28981	.20176
.800	7.926	1.97903	1.13457	.23521	.17412	.30323	.17067	.27967	.17145	.28106	.14573
.800	9.993	1.98886	1.10768	.30389	.18079	.30907	.15221	.28182	.15715	.26480	.08653
.800	11.885	1.86603	1.07657	.36543	.17350	.29644	.14374	.26129	.14357	.24888	.03570
.800	13.917	1.91870	1.03460	.43271	.15454	.27465	.13556	.23924	.11648	.22347	-.01763
.800	15.945	1.92168	.98385	.49958	.11928	.25157	.11158	.20032	.08612	.19140	-.06266
.800	17.930	1.93482	.92669	.56187	.08593	.22331	.08149	.16843	.05844	.14618	-.11370
	GRADIENT	.00255	.00221	.03445	.00956	.00933	.00666	.00245	.00491	-.00005	-.02778

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.849	-1.913	1.88760	1.17447	-.07147	.13813	.24805	.16428	.28438	.19783	.32679	.44306
.849	.022	1.98563	1.18447	-.00610	.16189	.26372	.17665	.29801	.20349	.32389	.38859
.850	1.976	2.02953	1.18874	.05966	.18225	.28576	.18898	.30250	.20811	.33191	.33480
.850	4.042	2.01113	1.18593	.12820	.19406	.30200	.19602	.29961	.20704	.32653	.27914
.850	6.043	2.10182	1.17525	.19390	.19889	.31636	.19458	.30317	.19835	.31916	.22254
.850	7.988	2.06958	1.15812	.25690	.19206	.33144	.19002	.30423	.18936	.30639	.16593
.850	10.078	1.89658	1.13303	.32682	.20613	.33164	.17690	.29980	.18119	.28404	.10804
.850	11.928	1.91231	1.10179	.38800	.19434	.32226	.16461	.28325	.16631	.27312	.05826
.849	13.950	1.96210	1.06221	.45383	.17775	.29671	.15803	.26141	.14461	.24544	.00393
.850	15.933	1.98740	1.01306	.51912	.14280	.27670	.13518	.22480	.10492	.21661	-.04588
.850	17.980	1.99924	.95493	.58366	.10947	.24892	.10446	.19323	.07968	.17371	-.09241
	GRADIENT	.02071	.00193	.03354	.00947	.00928	.00541	.00250	.00162	.00036	-.02752

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.901	-1.991	2.08210	1.19864	-.03998	.16638	.28247	.19262	.31863	.21478	.35897	.47253
.899	-.038	2.12317	1.21078	.02537	.19204	.29786	.20723	.32911	.23341	.36220	.41796
.899	1.974	2.11906	1.21399	.09256	.21316	.31561	.21957	.33149	.23863	.36001	.36211
.900	3.952	2.13377	1.21137	.15760	.22581	.33192	.22457	.33049	.23578	.35552	.30757
.900	5.989	2.13583	1.20164	.22422	.23069	.34555	.22447	.33171	.22814	.34952	.25039
.900	7.876	2.03755	1.18504	.28602	.22325	.35879	.22121	.33191	.21938	.33313	.19369
.900	10.025	1.80871	1.16000	.35484	.23626	.36212	.20695	.32776	.21063	.31088	.13588
.900	11.900	1.84698	1.12910	.41517	.22484	.35377	.19455	.31273	.19536	.30135	.08388
.900	13.924	1.88942	1.09017	.48093	.20889	.32786	.18798	.29253	.17426	.27548	.02790
.899	15.891	1.85803	1.04502	.54565	.17647	.30812	.16735	.25815	.13451	.24566	-.02388
.899	17.929	1.88761	.98994	.60972	.14392	.28179	.13734	.22549	.11122	.20533	-.07611
	GRADIENT	.00758	.00208	.03326	.01005	.00837	.00545	.00191	.00343	-.00064	-.02776

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.950	-1.972	2.04457	1.22662	.00237	.20483	.32233	.23160	.35787	.26429	.40016	.50856
.950	.045	1.99295	1.23831	.06790	.23185	.33778	.24754	.36643	.27323	.39719	.45364
.950	1.988	2.02304	1.24101	.13012	.24967	.35083	.25677	.36789	.27569	.39543	.39953
.950	4.016	2.02635	1.23780	.19526	.26329	.36614	.26268	.36539	.27389	.39071	.34418
.950	6.057	2.06653	1.22821	.25963	.26694	.37932	.26007	.36528	.26328	.38636	.28834
.950	7.981	2.00429	1.21241	.32053	.26159	.39530	.25866	.36432	.25619	.36730	.23312
.951	10.031	2.03208	1.18782	.38766	.26815	.39993	.25070	.36620	.24227	.35120	.17635
.950	11.930	1.89113	1.15973	.44888	.26184	.38749	.23131	.34615	.22998	.33625	.12242
.949	14.018	2.00172	1.11949	.51540	.24203	.36262	.22131	.32673	.20572	.31027	.06082
.950	15.938	1.98679	1.07615	.57596	.21208	.34275	.20118	.29042	.16608	.28108	.00709
.950	17.931	1.96310	1.02514	.64058	.18304	.31847	.17563	.26168	.14827	.24811	-.04853
	GRADIENT	-.00127	.00182	.03219	.00971	.00726	.00515	.00121	.00157	-.00151	-.02749

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.980	-2.030	2.01267	1.24392	.02667	.23095	.34492	.25795	.38134	.27978	.42364	.53395
.980	.010	2.05462	1.25384	.09151	.25457	.36821	.27049	.38984	.29541	.41474	.47610
.980	1.987	2.03801	1.25738	.15512	.27441	.37498	.28165	.39382	.29847	.41844	.42128
.980	4.017	2.04319	1.25528	.21969	.28924	.38939	.28688	.39453	.29604	.41132	.36740
.979	6.008	2.11275	1.24654	.28230	.29133	.40190	.28607	.38727	.28676	.40716	.31177
.979	7.948	1.98303	1.22997	.34230	.28378	.41520	.27301	.38461	.27911	.39182	.25552
.981	9.975	1.97438	1.20753	.40880	.28075	.41947	.26374	.38593	.26685	.37449	.19948
.979	11.942	1.91228	1.17674	.47137	.28262	.40847	.25365	.36626	.25228	.35802	.14136
.980	13.938	1.94006	1.13992	.53337	.26650	.38303	.24337	.34704	.22910	.33076	.08261
.979	15.929	1.93426	1.09533	.59626	.24596	.36462	.22467	.32127	.18866	.30054	.02344
.981	17.964	1.96084	1.04488	.65913	.20754	.34080	.19785	.28371	.16839	.27002	-.03801
.980	18.933	1.94876	1.01790	.68954	.19891	.32859	.17384	.27261	.15066	.24923	-.06894
	GRADIENT	.00375	.00187	.03195	.00968	.00698	.00487	.00217	.00258	-.00166	-.02756

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.051	-1.981	1.92928	1.28823	.10597	.30270	.40966	.32944	.44328	.35001	.48432	.58773
1.049	.002	1.97726	1.29632	.16507	.32295	.43067	.33871	.45075	.36149	.47359	.53231
1.050	2.007	2.01050	1.30022	.22645	.34046	.43723	.34708	.45532	.36348	.47902	.47729
1.049	4.009	2.02564	1.29742	.28657	.34707	.44900	.35001	.44576	.35808	.47056	.42172
1.051	6.077	2.04522	1.28850	.34870	.35605	.45917	.34770	.44565	.34952	.46526	.36524
1.050	7.994	1.99357	1.27347	.40419	.34509	.46780	.33338	.44322	.33876	.44541	.30917
1.050	9.971	1.99066	1.25152	.46398	.33910	.47332	.32284	.44193	.31813	.42741	.25338
1.050	11.999	1.96371	1.22261	.52725	.34231	.46209	.31182	.42535	.29692	.41035	.19602
1.049	13.935	1.98218	1.18759	.58598	.32595	.44097	.29660	.40487	.27227	.38886	.13709
1.049	15.931	1.97994	1.14662	.64610	.29583	.42337	.28340	.37097	.24477	.36090	.07449
1.049	17.964	2.00411	1.09727	.70734	.26704	.40079	.25818	.34395	.22872	.32486	.00075
1.050	18.963	2.01906	1.07184	.73679	.25096	.39111	.24260	.33241	.21077	.30778	-.01214
	GRADIENT	.01613	.00157	.03020	.00754	.00623	.00351	.00060	.00131	-.00179	-.02769

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.100	-2.011	1.95504	1.31897	.15815	.34821	.45572	.37423	.48878	.39600	.52899	.62682
1.100	.036	1.98418	1.32799	.21660	.36806	.47612	.38279	.49508	.40531	.51828	.57041
1.099	1.984	2.01570	1.33077	.27253	.38192	.47981	.38885	.49806	.40520	.52074	.51683
1.099	4.064	1.99558	1.32822	.33215	.39144	.48974	.39234	.48698	.40003	.51100	.46013
1.101	6.016	2.09978	1.31866	.38828	.39422	.49883	.38624	.48541	.38798	.50493	.40417
1.099	7.998	2.01478	1.30431	.44399	.38512	.50696	.37278	.48161	.37859	.48330	.34858
1.101	9.959	1.95867	1.28129	.50461	.39064	.51212	.36208	.48124	.35806	.46622	.28969
1.100	11.929	1.93488	1.25482	.56066	.38243	.50040	.35230	.46040	.33621	.44456	.23579
1.100	13.880	1.90402	1.22185	.62122	.36781	.47851	.33767	.44274	.31390	.42667	.17522
1.101	15.863	1.92891	1.18155	.67948	.34141	.46211	.32719	.41020	.28811	.39997	.11366
1.100	17.929	1.91656	1.13323	.74022	.31443	.43917	.30415	.38364	.27596	.37070	.06033
	GRADIENT	.00754	.00151	.02865	.00711	.00525	.00299	-.00013	.00059	-.00257	-.02745

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.149	-1.946	2.00096	1.35088	.17982	.36172	.47298	.38629	.50466	.41243	.54397	.63239
1.151	.041	2.04945	1.35939	.23351	.37821	.48987	.39226	.50707	.41339	.53243	.57363
1.149	2.010	2.03887	1.36119	.28773	.39028	.49059	.39596	.50762	.41102	.52969	.51749
1.150	4.046	2.06342	1.35862	.34443	.39773	.49966	.39621	.49569	.40280	.51960	.45824
1.150	6.022	2.08110	1.34850	.40142	.39958	.50771	.39152	.49075	.39138	.50933	.39998
1.149	7.940	2.02883	1.33245	.45674	.38914	.51590	.37636	.48729	.38129	.48792	.34212
1.151	9.996	1.80510	1.31308	.51765	.40345	.51595	.37407	.48154	.37217	.46695	.28508
1.150	11.910	1.87832	1.29615	.57402	.39371	.51015	.36284	.46770	.34755	.45154	.23127
1.150	13.852	1.88880	1.25235	.63218	.38252	.48781	.35072	.45189	.32851	.43519	.17341
1.149	15.884	1.92111	1.21338	.69338	.36515	.47493	.34572	.42533	.30576	.41278	.12725
1.150	17.883	1.90698	1.17086	.75322	.33838	.45798	.32634	.40134	.29801	.38797	.06032
	GRADIENT	.00887	.00125	.02748	.00602	.00405	.00167	-.00133	-.00157	-.00381	-.02901

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.200	-2.026	2.04124	1.37963	.19268	.36577	.47523	.38985	.50465	.41709	.54217	.62647
1.200	.095	2.05843	1.38504	.24241	.38209	.49031	.39516	.50611	.41544	.53408	.56484
1.200	1.941	2.07839	1.38730	.29171	.39200	.49042	.39738	.50523	.41088	.52668	.50750
1.201	4.006	2.06536	1.38485	.34812	.39555	.49756	.39858	.49240	.40432	.51486	.44842
1.200	6.036	2.07288	1.37698	.40423	.40118	.50726	.39390	.48907	.39313	.50831	.39251
1.199	7.909	1.93482	1.36180	.45956	.39292	.51684	.38065	.48640	.38513	.48728	.33851
1.201	9.941	1.95029	1.33885	.51851	.40166	.52454	.37290	.48994	.36868	.47498	.28016
1.199	11.883	1.84912	1.31288	.57918	.39679	.51738	.36548	.47397	.34757	.45611	.21925
1.199	13.868	1.88859	1.28046	.63812	.38725	.49660	.35401	.45932	.33024	.44339	.16274
1.199	15.898	1.90334	1.24323	.69918	.37395	.48506	.35214	.43720	.31055	.42222	.11154
1.200	17.950	1.91843	1.20103	.75968	.34963	.47074	.33562	.41319	.30769	.40111	.05834
	GRADIENT	.00460	.00090	.02585	.00498	.00340	.00143	-.00189	-.00214	-.00448	-.02965

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.299	-1.986	2.02750	1.43342	.22322	.37231	.48720	.38617	.52529	.41759	.56178	.61823
1.300	-.006	2.04150	1.43969	.28044	.38628	.50034	.39713	.52580	.41524	.55473	.55861
1.300	2.003	2.03338	1.43922	.32043	.39569	.51072	.39876	.51523	.41094	.54456	.49993
1.300	4.023	2.04025	1.43283	.37180	.39653	.51866	.39758	.51158	.40088	.53487	.43946
1.301	6.014	2.10931	1.42606	.42632	.39855	.52561	.39342	.50677	.38948	.51382	.37110
1.301	7.960	2.00726	1.40927	.48400	.40405	.52528	.39140	.49731	.39036	.49606	.30618
1.300	9.956	1.96155	1.39099	.53975	.41841	.52920	.39179	.49343	.38342	.47657	.26209
1.300	11.944	1.91578	1.36729	.59935	.41826	.52327	.38742	.48282	.36943	.46424	.21866
1.299	13.928	1.93449	1.33030	.65969	.41113	.51066	.37905	.47261	.35315	.45924	.16959
1.300	15.933	1.95157	1.29579	.72260	.40148	.50493	.38170	.45178	.33811	.44494	.11736
1.300	17.979	1.95510	1.25260	.78417	.37450	.49395	.36184	.43595	.32462	.42687	.06436
	GRADIENT	.00150	-.00012	.02424	.00409	.00523	.00178	-.00259	-.00272	-.00454	-.02970

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.400	-1.935	1.89879	1.48336	.22832	.36542	.48525	.37467	.51955	.40694	.55541	.60599
1.400	.005	1.96467	1.49011	.26907	.37167	.49865	.38015	.52352	.39849	.55366	.54817
1.400	1.991	1.97669	1.49211	.32669	.38307	.51096	.38372	.51485	.39138	.54486	.47561
1.400	4.002	2.01635	1.48939	.37576	.38571	.51770	.38483	.50907	.38379	.53307	.40927
1.399	6.067	2.08551	1.47195	.42991	.39230	.52411	.38636	.50441	.38274	.51186	.36359
1.400	8.005	2.04772	1.45895	.48062	.39006	.52304	.37842	.49482	.37357	.49606	.31694
1.400	10.062	2.06657	1.43494	.54881	.40718	.53941	.38253	.50304	.37014	.48920	.25180
1.399	11.982	1.97922	1.41396	.60282	.41363	.52155	.38480	.48603	.37563	.46948	.20232
1.400	13.953	1.99731	1.38236	.65887	.40845	.50934	.37604	.47033	.35139	.46288	.14741
1.400	15.999	2.02063	1.34661	.71782	.39897	.50026	.37718	.44525	.33393	.44572	.10321
1.400	17.976	2.03245	1.30821	.77792	.37543	.49353	.36732	.43150	.31818	.43160	.06184
	GRADIENT	.01839	.00101	.02526	.00365	.00553	.00172	-.00204	-.00386	-.00384	-.03348

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.549	-1.816	1.87177	1.52715	.22297	.37649	.48370	.38758	.50951	.41325	.53811	.57764
1.550	.129	1.85364	1.53140	.27952	.39186	.49277	.39947	.50646	.41143	.53829	.51740
1.551	2.137	1.87140	1.53292	.31787	.38810	.49938	.39604	.50060	.39848	.53119	.46394
1.550	4.139	1.88668	1.52680	.37219	.38964	.51003	.39271	.50066	.40003	.52079	.41312
1.550	6.194	1.94955	1.51658	.43117	.39451	.51997	.38677	.50076	.39005	.50987	.36237
1.550	8.094	1.95764	1.50649	.47940	.39675	.52820	.38197	.50029	.37330	.50378	.32504
1.550	10.106	1.95235	1.47954	.53728	.40415	.52805	.38401	.49101	.36966	.48774	.25991
1.550	11.921	2.02005	1.45865	.59068	.40461	.53068	.37996	.48697	.35763	.47872	.20759
1.551	13.891	2.06119	1.43113	.64744	.40018	.52789	.37065	.47630	.34055	.47407	.16187
1.550	15.882	2.07760	1.39217	.71559	.39448	.52501	.36762	.46639	.32962	.46449	.12058
1.550	17.910	2.10242	1.34706	.77203	.37339	.51490	.36093	.44925	.31356	.44397	.06587
	GRADIENT	.00317	.00002	.02444	.00178	.00431	.00059	-.00163	-.00265	-.00298	-.02751

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.260	7.995	.04279	1.39828	.47046	.44932	.46409	.43819	.42944	.43492	.43051	.31293
1.260	11.981	.05197	1.35404	.58277	.45089	.45722	.41727	.42184	.40084	.40968	.20511
1.261	15.954	.03738	1.27906	.70181	.43191	.44068	.40619	.39014	.36192	.38809	.10914
1.260	17.997	.04313	1.23281	.76711	.40679	.43013	.38987	.37618	.34996	.37201	.06790
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.280	7.973	.02796	1.40470	.47824	.44917	.46861	.43761	.44061	.43204	.44129	.31267
1.279	12.004	.03705	1.35813	.59339	.45165	.46829	.41839	.43282	.40060	.41897	.20695
1.280	16.026	.02301	1.28677	.71609	.43249	.45350	.40951	.40167	.36499	.39945	.11352
1.281	17.973	.02022	1.24345	.77665	.40971	.44408	.39411	.38869	.35405	.38424	.07457
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.300	7.980	.02181	1.41426	.47594	.45172	.47426	.44165	.44444	.43543	.44579	.31491
1.299	12.031	.02820	1.37058	.59434	.45442	.47684	.42096	.43916	.40346	.42568	.21103
1.300	15.998	.01741	1.29468	.71665	.43767	.46041	.41297	.40863	.36914	.40719	.11634
1.299	18.005	.01597	1.25194	.77985	.41464	.45137	.39805	.39506	.35565	.39169	.07040
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.321	7.999	.01218	1.42674	.48183	.45679	.47572	.44644	.44510	.44023	.44654	.31916
1.320	11.971	.02323	1.37789	.59794	.46051	.47772	.42677	.43995	.40976	.42552	.21744
1.320	16.033	.01317	1.30760	.72129	.44124	.46262	.41435	.41013	.37063	.41023	.11625
1.320	17.990	.01124	1.26516	.77986	.41552	.45225	.39848	.39540	.35272	.39358	.06727
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.340	7.967	.00302	1.43410	.48576	.46412	.48246	.45422	.45288	.44787	.45499	.32400
1.341	12.003	.01522	1.38541	.60354	.46620	.48845	.43275	.45117	.41608	.43735	.22120
1.340	16.031	.00754	1.31986	.72443	.44252	.47190	.41636	.41904	.37267	.42087	.11676
1.340	17.999	.00102	1.27968	.78233	.41573	.46037	.39827	.40296	.35172	.40267	.06718
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (DVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.360	7.963	-.01273	1.44114	.48628	.47039	.48212	.46010	.45188	.45460	.45379	.32881
1.360	12.007	-.01788	1.39724	.60449	.47227	.48633	.43887	.44816	.42185	.43504	.22250
1.361	16.017	-.00678	1.33026	.72140	.44927	.47278	.41891	.41967	.37799	.42254	.11490
1.361	18.000	-.00465	1.28879	.78153	.42102	.46123	.40351	.40312	.35604	.40456	.06914
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.380	7.969	-.03249	1.45786	.48358	.45971	.48305	.44993	.45108	.44331	.45375	.31605
1.380	11.979	-.01570	1.41377	.60244	.46711	.48828	.43400	.44785	.41713	.43601	.22328
1.380	16.017	-.02373	1.34598	.71815	.44362	.46751	.41300	.41443	.37440	.42074	.11217
1.380	17.982	-.02411	1.30402	.78033	.41909	.45733	.40133	.39723	.35367	.40286	.06648
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.400	7.959	-.04207	1.47116	.48449	.44660	.48653	.43531	.45323	.42495	.45618	.31430
1.400	11.972	-.02891	1.42463	.59739	.45330	.48780	.42112	.44810	.40160	.43790	.22000
1.401	15.967	-.03620	1.35252	.71501	.43644	.46539	.40172	.41127	.36618	.41959	.11625
1.400	18.000	-.03889	1.31052	.77839	.41471	.45836	.39625	.39750	.34459	.40265	.06990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
1.451	8.074	-.12694	1.48134	.49131	.46012	.47282	.44687	.43951	.43314	.44419	.31576
1.450	11.939	-.05444	1.43485	.60205	.46331	.48429	.42992	.43766	.41066	.42964	.21859
1.450	16.053	-.11582	1.36596	.71983	.45118	.46725	.41372	.40980	.37900	.41659	.13308
1.450	18.065	-.11545	1.32559	.78285	.43467	.45981	.41475	.39773	.36304	.39898	.09015
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (DVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.199	-3.797	.10715	.61896	-.20086	.03949	.04964	.08523	.09758	.11942	.14188	.39893
.200	-1.827	.10769	.59590	-.14319	.08464	.09398	.11787	.12294	.14542	.16055	.35218
.199	.128	.10926	.69556	-.08496	.12329	.12175	.14209	.13847	.16176	.16966	.30022
.200	2.188	.11057	.83599	-.02302	.14023	.14588	.15526	.15023	.16828	.17252	.24223
.200	4.178	.11165	.81568	.03003	.15049	.15037	.15330	.14249	.16059	.15835	.17635
.201	6.184	.11272	.79270	.10599	.17169	.17371	.16734	.15807	.16741	.16805	.14237
.200	8.191	.11390	.88695	.14569	.15732	.15720	.14932	.13563	.14435	.14356	.08447
.200	10.196	.11508	.95363	.21723	.15052	.15616	.13609	.12746	.12393	.12818	.04196
.201	12.206	.11617	.93741	.27979	.13280	.14413	.11489	.11275	.10065	.10918	-.00864
.201	14.201	.11743	.91284	.34308	.11143	.12633	.09356	.09213	.07575	.08643	-.05334
.201	16.191	.11849	.87709	.40386	.07729	.09868	.05939	.06511	.03866	.05653	-.10144
	GRADIENT	.00060	.03180	.02915	.01388	.01267	.00867	.00585	.00525	.00223	-.02781

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.249	-3.792	.10600	.63081	-.18317	.05615	.06704	.10197	.11507	.13549	.16090	.41840
.250	-1.773	.10662	.59526	-.12418	.10194	.10550	.13442	.13658	.16049	.17487	.36555
.250	.184	.10813	.66868	-.06934	.13745	.13302	.15619	.15113	.17434	.18149	.31448
.250	2.014	.04949	.83410	-.00327	.16198	.15394	.16985	.15758	.18219	.18211	.25350
.250	4.008	.05110	.83045	.05490	.17370	.17286	.17722	.16499	.18306	.18010	.19807
.249	6.214	.11235	.80602	.11409	.18753	.18014	.17873	.16711	.17881	.17655	.15113
.249	8.120	.11321	.89847	.16492	.17739	.17653	.16931	.15404	.16429	.16204	.10532
.249	10.135	.11312	.95493	.22652	.16478	.16176	.15234	.14288	.14003	.14142	.05701
.248	12.159	.11290	.95082	.28823	.15012	.15367	.13177	.12372	.11719	.12080	.00671
.248	14.153	.11259	.91682	.34888	.12503	.13740	.10596	.10230	.08769	.09498	-.04481
.247	16.205	.11093	.88663	.41411	.09282	.10972	.07510	.07583	.05520	.06625	-.09149
	GRADIENT	-.00853	.03265	.03078	.01524	.01343	.00961	.00625	.00604	.00237	-.02849

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (DVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.398	-3.955	.08474	.63868	-.18177	.06506	.07339	.10976	.12139	.14545	.16756	.42202
.398	-1.919	.08234	.60665	-.12427	.10682	.11038	.13875	.14202	.16607	.18017	.37015
.399	.045	.08365	.71664	-.06488	.14369	.14033	.16173	.15703	.18245	.18852	.31520
.400	2.049	.08145	.85206	-.00458	.15889	.15986	.17289	.16351	.18741	.18732	.25836
.401	4.068	.08041	.84007	.06125	.18103	.17983	.18383	.17233	.19182	.18742	.20394
.401	6.054	.08020	.80776	.11450	.18581	.18459	.17997	.16882	.18257	.17889	.15406
.401	10.066	.08022	.97766	.23424	.17166	.17225	.15510	.14435	.14442	.14435	.05943
.401	14.041	.08049	.94844	.35847	.13457	.14416	.11408	.10871	.09584	.10190	-.03825
.400	18.068	.08197	.86912	.48207	.05767	.08142	.04108	.04504	.01945	.03351	-.13116
	GRADIENT	-.00048	.03233	.03027	.01419	.01311	.00911	.00616	.00570	.00234	-.02738

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (DVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.601	-1.984	-.03546	.63716	-.11366	.12703	.12935	.15900	.16175	.19128	.20083	.39773
.602	2.113	-.03681	.88311	.01463	.18051	.18157	.19311	.18540	.21122	.20854	.27727
.603	6.096	-.03828	.82301	.13435	.20559	.20492	.19949	.18904	.20404	.19846	.17257
.603	10.092	-.03644	1.03163	.25780	.19788	.18818	.17151	.16860	.15980	.15888	.07440
.602	14.084	-.03439	1.00307	.38306	.16236	.15915	.13382	.12216	.10968	.12421	-.02839
.600	18.076	-.02931	.92870	.50871	.08197	.10517	.07678	.06386	.04855	.05060	-.11710
	GRADIENT	-.00033	.06003	.03131	.01305	.01274	.00833	.00577	.00487	.00188	-.02940

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (DVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.701	-1.948	-.00591	.65999	-.09774	.14803	.14847	.17933	.18140	.21259	.22075	.41855
.703	2.092	-.00562	.88180	.03082	.20006	.19977	.21188	.20421	.22953	.22818	.29978
.702	6.062	-.00736	.82528	.15224	.22365	.22279	.21806	.20695	.22296	.21682	.18980
.701	10.088	-.00223	1.06475	.27279	.21799	.21562	.18930	.18820	.18169	.17611	.09105
.699	14.026	.00045	1.03947	.39953	.18261	.18000	.15303	.14407	.12759	.14366	-.01388
.696	18.000	.00102	.97066	.52386	.10608	.12722	.09826	.08301	.07304	.07427	-.10632
	GRADIENT	.00007	.05491	.03183	.01288	.01270	.00806	.00565	.00419	.00184	-.02940

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (DVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.800	8.002	.04638	1.00244	.24511	.25317	.25505	.24145	.23033	.23983	.23496	.16725
.800	12.022	.04638	1.10708	.37364	.23571	.22706	.20222	.20268	.20093	.19724	.06409
.800	16.027	.04795	1.05573	.49523	.17846	.19187	.16494	.14687	.12875	.14490	-.04177
.799	18.019	.05142	1.02004	.56223	.14240	.16408	.13237	.11661	.10437	.11220	-.08863
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (DVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
.599	-4.003	-.03027	1.05331	-.20129	.06634	.08902	.10691	.13973	.15053	.18689	.43926
.599	-1.912	-.03319	1.07841	-.13403	.10964	.12859	.13564	.16042	.17075	.19804	.38350
.599	.098	-.03622	1.09125	-.06584	.14088	.14884	.15334	.17467	.18243	.20426	.32920
.599	2.071	-.03665	1.09407	.00007	.16607	.16841	.17204	.18229	.19039	.20428	.27322
.600	4.096	-.04260	1.08839	.06586	.18537	.18699	.18305	.17722	.19411	.20037	.21692
.599	6.060	-.04286	1.08328	.13060	.19554	.20263	.18785	.17596	.19044	.19393	.16311
.600	8.066	-.04220	1.05793	.19632	.19421	.20372	.18265	.17738	.18100	.17279	.10967
.600	10.055	-.04178	1.02845	.25770	.18079	.19858	.16844	.16584	.15049	.16381	.05645
.599	12.082	-.04122	.99497	.32034	.16643	.18062	.14587	.15089	.12999	.14437	.00384
.598	14.035	-.03831	.95225	.37991	.15416	.15978	.12482	.13086	.10666	.11940	-.04846
.599	16.091	-.03812	.88945	.44244	.12250	.13652	.09977	.09406	.09285	.09014	-.10178
	GRADIENT	-.00139	.00427	.03312	.01461	.01170	.00936	.00481	.00530	.00166	-.02750

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (EVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.202	-3.800	.12342	-.20000	.11164	.11976	.07442	.09304	.05508	.07066	-.08252	-.05955
.200	-1.769	.11931	-.17585	.11988	.11829	.08496	.09484	.06829	.07429	-.06290	-.04553
.200	.186	.11558	-.12476	.13059	.13051	.10042	.10572	.08462	.08756	-.03063	-.01561
.200	2.183	.11190	-.06944	.13615	.13531	.11041	.11347	.09683	.09448	-.00446	.00836
.201	4.203	.10783	-.02076	.14670	.13085	.11287	.11140	.10388	.09328	.01076	.01826
.200	6.211	.10813	.02981	.13724	.12355	.10846	.10849	.09865	.09176	.00939	.01921
.200	8.188	.10780	.08492	.13025	.10981	.10681	.09628	.09476	.08112	.01024	.02155
.200	10.192	.11433	.13248	.09395	.07802	.08182	.06974	.06898	.06212	.00240	.01373
.200	12.199	.10878	.19010	.07348	.05906	.06286	.05377	.05226	.04390	-.00533	.01056
.200	14.190	.11150	.25403	.04650	.03741	.04044	.03968	.03438	.02308	-.00804	.00557
.200	16.206	.11339	.30679	.00976	.00826	.01053	.01280	.00369	.00524	-.02821	-.01306
.199	18.545	.11660	.37107	-.04363	-.03749	-.03675	-.02232	-.04439	-.03440	-.06109	-.04290
	GRADIENT	-.00193	.02329	.00433	.00196	.00512	.00277	.00632	.00327	.01227	.01049

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (EVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.250	-3.994	.04844	-.20406	.11573	.11926	.07545	.09201	.05965	.07541	-.07402	-.05758
.251	-1.991	.04767	-.15602	.13400	.13464	.10038	.10899	.08325	.08891	-.04176	-.02682
.251	-.002	.04780	-.11400	.13798	.13647	.10716	.11149	.09429	.09493	-.01524	-.00526
.252	2.006	.04717	-.06161	.14100	.13950	.11465	.11611	.10615	.10038	.00946	.01796
.252	4.003	.04770	-.01525	.14673	.13173	.11898	.11333	.10835	.09903	.01457	.02380
.252	6.015	.04789	.03412	.14200	.12277	.11428	.10580	.10438	.09223	.01851	.02489
.252	8.011	.04951	.09071	.13181	.10910	.11054	.09712	.09782	.08572	.02137	.02773
.249	10.215	.10299	.14706	.11085	.09195	.09922	.08111	.08545	.07235	.01799	.03031
.248	12.197	.09944	.20127	.08684	.06785	.07661	.06423	.06641	.05691	.01099	.02337
.248	14.193	.09332	.25071	.05056	.03745	.04327	.03818	.03818	.03236	-.00113	.00831
.248	16.215	.12333	.30859	.01520	.00938	.01375	.01228	.00863	.00794	-.01690	-.00745
.248	18.193	.09355	.36716	-.01960	-.02101	-.01666	-.01450	-.02105	-.02024	-.03923	-.02910
.248	18.546	.09286	.37917	-.02592	-.02951	-.02224	-.02155	-.02664	-.02582	-.03681	-.03177
	GRADIENT	-.00010	.02361	.00345	.00149	.00507	.00249	.00602	.00294	.01142	.01038

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.398	-3.921	.09254	-.20849	.11978	.12589	.07834	.09653	.06274	.07503	-.08288	-.06336
.399	-1.992	.08904	-.16288	.13414	.13484	.09785	.10880	.08266	.08922	-.05026	-.03512
.400	.004	.08506	-.11464	.14293	.14091	.10992	.11577	.09908	.09744	-.01924	-.00687
.401	1.955	.08228	-.06443	.14349	.14495	.11716	.12107	.10830	.10434	.00317	.01475
.402	4.038	.07868	-.01192	.15252	.13969	.12198	.12009	.11351	.10416	.01586	.02511
.402	6.021	.07456	.03917	.14878	.13332	.12105	.11532	.11069	.09984	.02187	.02955
.402	8.027	.07702	.09302	.13803	.11989	.11301	.10536	.10343	.09182	.02081	.02926
.402	10.060	.07771	.14955	.11085	.09545	.09508	.08475	.08436	.07202	.01719	.02831
.403	12.046	.07004	.20479	.08765	.07191	.07499	.06581	.06696	.05620	.01180	.02251
.403	14.047	.06997	.26043	.05451	.04456	.04724	.04418	.04036	.03615	.00023	.01091
.404	16.044	.06871	.31683	.02244	.01636	.01978	.01901	.01216	.01218	-.01564	-.00501
.404	18.457	.06756	.38383	-.02305	-.02224	-.02074	-.01809	-.02952	-.02449	-.04511	-.03298
	GRADIENT	-.00173	.02475	.00376	.00188	.00535	.00297	.00639	.00368	.01261	.01139

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (EVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.600	-3.926	-.04180	-.20856	.13986	.14228	.09862	.11140	.08248	.08877	-.08229	-.06895
.600	-1.919	-.04183	-.16011	.15384	.14964	.11500	.12143	.10202	.10215	-.04515	-.03471
.600	.047	-.02173	-.11115	.15830	.15432	.12519	.12865	.11337	.11029	-.01476	-.00590
.600	2.062	-.04339	-.05786	.15739	.15523	.13020	.13139	.12317	.11324	.00892	.01620
.600	4.067	-.02457	-.00636	.16754	.15124	.13508	.13011	.12713	.11377	.02169	.02899
.601	6.039	-.03523	.04643	.16313	.14397	.13243	.12544	.12248	.10943	.03032	.03419
.602	8.092	-.03356	.10359	.15246	.13149	.12653	.11522	.11521	.10127	.03031	.03758
.599	10.057	-.03304	.15946	.12388	.10644	.10647	.09416	.09529	.07991	.02557	.03403
.600	12.033	-.02579	.21458	.09943	.08383	.08476	.07381	.07403	.06278	.01824	.02829
.599	14.076	-.01852	.27199	.06870	.05629	.05791	.05150	.04897	.04230	.00563	.01755
.598	16.041	-.04037	.33003	.03963	.03110	.03157	.02742	.02121	.01731	-.00963	.00163
.599	18.555	-.03640	.40261	-.00482	-.00845	-.01097	-.01099	-.02287	-.02281	-.03862	-.02724
	GRADIENT	.00164	.02537	.00295	.00118	.00441	.00237	.00553	.00306	.01312	.01236

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.698	-4.032	.02723	-.20712	.15910	.16081	.11726	.12968	.09965	.10522	-.07901	-.06692
.700	-1.862	-.01281	-.15125	.17405	.16727	.13481	.14011	.11970	.11877	-.03579	-.02797
.702	.106	-.01359	-.09997	.17725	.17051	.14389	.14414	.13229	.12493	-.00392	.00247
.702	2.124	.00724	-.04578	.17314	.17182	.14594	.14761	.13875	.12876	.02073	.02737
.702	4.128	-.01371	.00813	.18431	.16656	.15218	.14523	.14321	.12784	.03398	.04000
.702	6.108	.00084	.06055	.17833	.15930	.14788	.14068	.13745	.12424	.03883	.04629
.701	8.109	-.00470	.11707	.16904	.14802	.14102	.13101	.12919	.11498	.04125	.04731
.701	10.053	-.00545	.17158	.14073	.12618	.12199	.11078	.10897	.09441	.03723	.04488
.700	12.059	.00385	.23017	.11745	.10265	.10086	.08979	.08776	.07598	.02961	.03911
.698	14.072	-.00970	.28830	.08982	.07524	.07505	.06640	.06336	.05444	.01895	.02945
.697	16.054	-.00664	.34651	.05972	.05118	.04774	.04267	.03394	.02947	.00250	.01405
.700	18.597	-.00415	.42201	.01852	.01490	.00743	.00641	-.01034	-.00989	-.02485	-.01217
	GRADIENT	-.00311	.02639	.00246	.00080	.00401	.00191	.00525	.00274	.01394	.01328

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (EVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.797	-4.033	.03576	-.19052	.19220	.19207	.14985	.16052	.13122	.13363	-.06226	-.05336
.800	-1.961	.03773	-.13568	.20619	.19787	.16683	.16962	.14942	.14616	-.02062	-.01283
.801	.024	.03749	-.08279	.20507	.19894	.17263	.17324	.16031	.15196	.01355	.02009
.802	1.998	.03620	-.02834	.19964	.19969	.17281	.17560	.16557	.15701	.04009	.04648
.799	4.038	.05047	.02775	.21058	.19414	.17918	.17248	.16843	.15360	.05412	.06111
.799	5.997	.05202	.08010	.20488	.18699	.17331	.16752	.16255	.14883	.06052	.06770
.799	8.010	.04222	.13718	.19558	.17639	.16617	.15835	.15302	.13965	.06222	.06959
.799	10.015	.04615	.19537	.16847	.15596	.14907	.13890	.13378	.11978	.05712	.06737
.798	11.997	.05414	.25384	.14664	.13448	.12812	.11884	.11225	.10081	.05244	.06289
.799	14.004	.03374	.31269	.12249	.10962	.10490	.09652	.08829	.07962	.04201	.05337
.799	15.993	.04293	.37156	.09335	.08709	.07725	.07307	.05900	.05475	.02575	.03928
.800	17.991	.04556	.43135	.06464	.06333	.04782	.04692	.02445	.02426	.00692	.02317
	GRADIENT	.00139	.02705	.00152	.00030	.00323	.00149	.00451	.00253	.01460	.01434

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (EVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.599	-3.401	-.21175	-.18946	.15800	.13221	.11688	.10268	.10313	.08034	-.05818	-.06514
.598	-1.403	-.16908	-.14154	.16668	.14411	.12924	.11667	.11643	.09661	-.02623	-.03109
.599	.646	-.12516	-.09051	.16901	.15035	.13482	.12433	.12363	.10611	.00131	-.00124
.598	2.654	-.08287	-.03844	.16217	.15155	.13330	.12785	.12830	.11080	.01849	.01917
.599	4.671	-.04033	.01269	.16788	.14733	.13565	.12719	.12763	.11097	.02717	.02993
.600	6.702	.00224	.06691	.16202	.14136	.13135	.12271	.12178	.10750	.03218	.03448
	GRADIENT	.02124	.02502	.00075	.00186	.00206	.00298	.00301	.00373	.01066	.01190

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (EVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YC
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.402	8.090	.07801	.09341	.13541	.11610	.11035	.10077	.10037	.08798	.01918	.02764
.402	10.029	.07122	.14898	.11255	.09559	.09561	.08373	.08641	.07214	.01802	.02954
.398	12.103	.07898	.20288	.08426	.07091	.07170	.06349	.06310	.05445	.00786	.02156
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.205	-1.736	.10781	-.19569	.05867	.09027	.03253	.07506	.03665	.06408	-.06026	-.04247
.203	.234	.10590	-.14678	.07605	.10054	.05292	.08362	.05571	.07453	-.03047	-.01440
.201	2.291	.10653	-.09357	.08495	.10204	.06209	.07909	.06350	.07910	-.01433	-.00079
.199	4.149	.10717	-.05117	.08964	.09470	.06775	.08073	.06846	.07418	-.00814	.00132
.198	6.163	.10813	.00685	.09227	.09222	.07402	.07898	.07180	.07171	.00539	.00026
.199	8.167	.10866	.06439	.09201	.08326	.07240	.07445	.06948	.06141	.00051	.00340
.199	10.177	.10863	.12464	.07370	.07002	.06131	.05977	.05911	.05032	-.01079	.01030
.200	12.191	.10791	.17414	.04798	.04075	.04293	.03136	.03787	.02848	-.01981	-.00253
.200	14.188	.10786	.23077	.01524	.01095	.02098	.00810	.01739	.00453	-.03201	-.01629
.200	16.186	.10768	.28986	-.01192	-.01334	-.00403	-.00612	-.00761	-.01829	-.04845	-.03346
	GRADIENT	-.00007	.02470	.00518	.00078	.00584	.00063	.00525	.00179	.00878	.00739

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.249	-1.876	.11068	-.16932	.08784	.10144	.05261	.08999	.06340	.07628	-.04005	-.03149
.252	.057	.05129	-.12213	.10133	.10976	.06877	.09213	.07656	.08286	-.01679	-.00905
.250	1.995	.05179	-.06715	.11669	.12235	.09234	.10166	.09378	.09585	.00364	.01292
.250	4.120	.11117	-.02004	.11721	.11859	.09419	.10068	.09708	.09484	.01372	.01874
.249	6.124	.11102	.03274	.12218	.11274	.09403	.09622	.09549	.08820	.01616	.01975
.250	8.170	.11119	.09075	.11804	.10579	.09076	.08935	.09077	.08282	.01835	.02192
.250	10.164	.11133	.13719	.09634	.08193	.07621	.06690	.07335	.06326	-.00201	.01233
.250	12.193	.11155	.19685	.07509	.06646	.06074	.05215	.05932	.04997	-.00518	.01774
.250	14.177	.11119	.25681	.04875	.04085	.04300	.03295	.04228	.03224	-.01656	.00853
.251	15.988	.05039	.30971	.01720	.01294	.01507	.00794	.01364	.00727	-.03333	-.00988
	GRADIENT	.00039	.02521	.00515	.00317	.00739	.00207	.00590	.00342	.00908	.00861

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.396	-3.998	.07576	-.22916	.06211	.09406	.03486	.08292	.03881	.06717	-.07997	-.06469
.397	-1.853	.07473	-.17782	.08327	.10489	.05805	.09494	.06119	.08079	-.03291	-.02944
.398	.077	.07433	-.13029	.09726	.11445	.07297	.10258	.07686	.08773	-.00694	-.00502
.398	2.150	.07357	-.07538	.10935	.11594	.08747	.10527	.08862	.09241	.01677	.01089
.399	4.000	.07232	-.02709	.11470	.11816	.09399	.10671	.09436	.09385	.02289	.01780
.399	6.023	.07741	.02877	.11830	.11280	.09806	.10295	.09608	.09053	.03111	.02254
.399	8.015	.07766	.08521	.11449	.10469	.09694	.09601	.09224	.08279	.03105	.02364
.399	10.050	.07656	.14156	.09520	.08580	.08388	.07792	.07918	.06702	.01444	.02457
.400	12.038	.08017	.19569	.07170	.06312	.06781	.05802	.06235	.04948	.00675	.01918
.400	14.016	.08562	.25186	.04225	.04029	.04614	.03795	.04185	.03096	-.00443	.00955
.399	16.046	.08973	.30877	.01167	.01597	.01947	.01600	.01363	.00743	-.01911	-.00785
	GRADIENT	-.00040	.02532	.00659	.00298	.00741	.00291	.00695	.00327	.01284	.01031

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.597	-3.912	-.03110	-.23165	.07777	.10615	.04764	.09392	.05303	.07938	-.08840	-.07083
.598	-1.986	-.03398	-.18178	.09651	.12744	.06833	.10723	.07287	.09423	-.05062	-.03510
.599	.064	-.03601	-.12718	.10953	.12638	.08319	.11305	.08807	.10858	-.00777	-.00629
.599	2.044	-.03658	-.07417	.12146	.12911	.09640	.11558	.09895	.11328	.00943	.01815
.600	4.048	-.03948	-.01928	.14623	.12891	.11221	.11978	.10622	.11564	.01585	.02823
.600	6.067	-.04003	.03774	.13358	.12399	.11318	.11305	.10703	.11143	.02206	.03575
.600	8.052	-.03974	.09475	.12573	.11413	.11850	.10366	.10382	.09170	.02323	.03493
.599	10.064	-.03939	.15267	.10744	.09934	.09517	.08932	.09989	.07784	.02203	.03244
.599	12.054	-.03830	.20969	.08060	.07972	.07688	.07153	.08294	.06142	.01583	.02623
.599	14.089	-.03841	.26770	.05539	.05571	.05538	.04953	.06226	.05184	.00396	.01433
.598	16.036	-.03823	.32555	.04931	.04442	.04493	.02929	.02727	.01585	-.01376	-.00118
	GRADIENT	-.00097	.02669	.00811	.00235	.00788	.00301	.00663	.00459	.01346	.01259

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.699	-1.948	-.00568	-.16405	.14013	.14212	.09752	.12064	.09201	.11456	-.04468	-.03202
.700	.086	-.00575	-.10800	.15939	.14743	.11298	.12655	.11425	.12171	-.00483	-.00017
.701	2.068	-.00435	-.05423	.16251	.15072	.12478	.13019	.12385	.12688	.01368	.02467
.701	4.043	-.00724	-.00363	.16976	.14148	.12983	.12809	.12945	.12739	.02605	.03733
.702	6.053	-.00528	.05235	.14923	.13599	.13494	.12334	.12661	.12498	.03140	.04538
.702	8.087	-.00535	.11069	.14487	.13848	.12358	.11979	.12485	.10447	.03346	.04388
.701	10.054	-.00446	.16894	.14693	.12076	.10968	.10738	.11217	.10246	.03308	.04215
.700	12.048	-.00496	.22650	.11977	.09883	.10339	.09065	.08775	.08603	.02691	.03639
.699	14.091	-.00420	.28599	.08782	.08006	.07705	.06330	.07101	.06449	.01372	.02570
.698	16.021	.00308	.34221	.06631	.07042	.06077	.04795	04560	.03137	-.00519	.01094
	GRADIENT	-.00016	.02681	.00462	.00008	.00546	.00131	.00612	.00219	.01158	.01168

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BRE. = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.800	-1.928	.05483	-.15495	.14809	.17177	.11469	.15612	.11767	.14677	-.02131	-.02055
.800	.088	.05206	-.09862	.18452	.17560	.12788	.16040	.13027	.15127	.01912	.01865
.800	1.962	.05047	-.04556	.18720	.17962	.14822	.16296	.13982	.15557	.03767	.04360
.799	3.918	.04433	.00953	.18571	.17657	.15592	.16254	.15308	.15319	.05053	.05706
.800	5.929	.04650	.06820	.17565	.16514	.14879	.15819	.15198	.14816	.05408	.06361
.800	7.964	.04279	.12848	.16715	.16590	.14640	.15177	.14832	.13143	.05910	.06551
.800	9.998	.04286	.18905	.14860	.14967	.13411	.13766	.12873	.12715	.05817	.06435
.800	11.984	.04583	.24694	.12360	.12736	.11571	.12220	.11162	.10984	.05250	.05879
.800	13.984	.05037	.30663	.10763	.11662	.09545	.09991	.09008	.09043	.04115	.05010
.800	16.014	.05429	.36721	.10094	.10646	.08713	.08825	.06877	.05688	.02376	.03653
	GRADIENT	-.00170	.02815	.00600	.00093	.00741	.00113	.00597	.00122	.01209	.01330

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.850	-1.986	.06616	-.13890	.17226	.19455	.13709	.17957	.13833	.16986	-.00630	-.00514
.850	-.060	.11948	-.08605	.20763	.19746	.14847	.18248	.14960	.17289	.03144	.03404
.850	1.941	.03653	-.02854	.20922	.19905	.16921	.18310	.15899	.17578	.05532	.06119
.850	3.959	.04526	.02917	.20841	.19652	.17535	.18296	.17204	.17338	.06825	.07586
.850	5.921	.04847	.08577	.19702	.18762	.16784	.17957	.17231	.16912	.07237	.08269
.850	7.977	.10302	.14697	.18692	.18638	.16488	.17240	.16687	.15474	.07667	.08483
.850	9.994	.10677	.20689	.16844	.17396	.15310	.15882	.14710	.14622	.07667	.08310
.850	12.000	.05483	.26518	.14369	.15193	.13385	.14383	.12948	.12907	.07023	.07807
.850	13.998	.09916	.32606	.13206	.14235	.11671	.12425	.10943	.10981	.06005	.06917
.850	16.000	.04033	.38527	.12294	.13065	.10715	.11223	.08927	.07782	.04344	.05644
.850	18.007	.04174	.44725	.08558	.10746	.07412	.08651	.06211	.05935	.01789	.04280
	GRADIENT	-.00743	.02833	.00550	.00037	.00683	.00054	.00557	.00067	.01245	.01359

0A232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.902	-3.966	.12589	-.16053	.20547	.22238	.17438	.20607	.16730	.19578	-.01627	-.01430
.903	-2.086	.11509	-.10867	.20963	.22773	.17406	.21184	.18103	.20275	.02486	.02265
.902	-.097	.10329	-.05439	.24290	.22909	.18320	.21499	.18386	.20550	.05687	.06332
.898	1.907	.12601	-.00109	.23969	.22642	.19735	.21266	.19095	.20473	.07997	.08849
.900	3.946	.12018	.05838	.24463	.21621	.20350	.21133	.20004	.20191	.09488	.10380
.900	5.975	.08075	.11671	.24344	.21735	.20536	.20292	.19959	.19785	.10316	.11097
.899	7.994	.10163	.17443	.21611	.21284	.20193	.19869	.19334	.17652	.10390	.11112
.896	10.011	.09172	.23282	.19455	.19825	.17912	.18363	.18099	.17149	.09970	.10745
.901	12.003	.04963	.29411	.17362	.18475	.16259	.17271	.16515	.15623	.09695	.10506
.898	14.024	.07039	.35284	.16569	.17657	.14507	.15571	.14450	.13507	.08528	.09492
.895	15.974	.06310	.40933	.14837	.15788	.13081	.13875	.11596	.10371	.06725	.08136
.896	18.011	.05069	.47270	.11257	.13634	.09788	.11479	.08810	.08297	.04665	.06771
	GRADIENT	.00000	.02753	.00546	-.00071	.00413	.00056	.00380	.00070	.01396	.01521

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.949	-1.976	.07630	-.07001	.25053	.26317	.21473	.24854	.21108	.23868	.06214	.05737
.950	-.019	.02780	-.01560	.28519	.26506	.22432	.25183	.21998	.24156	.09508	.09960
.950	1.978	.08004	.03877	.28075	.26384	.23763	.25007	.22916	.24174	.12071	.12630
.951	3.955	.03080	.09503	.28191	.26151	.24248	.24878	.23738	.23880	.13452	.14072
.950	6.019	.07584	.15263	.27048	.25585	.23293	.24224	.23486	.23081	.13757	.14542
.949	7.955	.07353	.20798	.25455	.24814	.22825	.23390	.22767	.22056	.13979	.14609
.949	9.976	.07278	.26754	.23349	.23749	.21681	.22066	.20700	.20588	.13837	.14370
.950	12.045	.06039	.32591	.21360	.22551	.19511	.20613	.18608	.18731	.13136	.13726
.950	13.979	.05329	.38262	.19859	.20791	.18124	.19268	.16575	.16866	.12073	.12894
.949	16.000	.02293	.44338	.18083	.19355	.16279	.17111	.14778	.13705	.10339	.11564
.949	17.985	.04456	.50278	.14292	.17352	.12805	.15014	.11709	.11393	.07914	.10074
	GRADIENT	-.00423	.02777	.00452	-.00032	.00488	-.00006	.00445	.00003	.01226	.01398

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.978	-1.925	-.00323	-.04276	.27774	.28721	.24168	.27385	.23587	.26313	.08744	.08245
.981	-.047	.02611	.00812	.31034	.28937	.24862	.27591	.24225	.26566	.11799	.12259
.980	1.955	.02747	.06196	.30525	.28700	.26188	.27335	.25213	.26488	.14423	.14952
.981	3.974	.02677	.11735	.30622	.28324	.26547	.27085	.25826	.26043	.15657	.16270
.979	6.033	.02427	.17448	.29229	.27722	.25386	.26424	.25507	.25211	.15901	.16676
.980	8.012	.01845	.23161	.27705	.27015	.25028	.25599	.24822	.24247	.16135	.16787
.979	9.979	-.01260	.28748	.25393	.25855	.23679	.24206	.22574	.22620	.15884	.16358
.980	12.042	.00313	.34650	.23656	.24663	.21615	.22885	.20670	.20822	.15151	.15765
.979	13.949	-.02737	.40237	.22075	.22942	.20209	.21410	.18533	.18662	.14069	.14729
.975	16.022	-.04187	.46020	.19631	.21228	.17795	.18931	.16348	.15420	.11941	.13081
.980	18.030	-.01021	.52313	.16137	.19670	.14411	.17238	.13371	.13267	.09639	.11906
	GRADIENT	.00458	.02712	.00401	-.00074	.00429	-.00060	.00391	-.00046	.01183	.01354

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.051	-1.965	-.02874	.02484	.34629	.35356	.31078	.34078	.30217	.32989	.15168	.14719
1.048	.092	-.04657	.07676	.37175	.34928	.31567	.33785	.30674	.32712	.18498	.18615
1.050	1.953	-.00823	.12892	.37076	.34861	.32679	.33669	.31154	.32776	.20779	.21234
1.049	3.969	-.02458	.18070	.35714	.34277	.32626	.33066	.31683	.31953	.21549	.22135
1.051	6.022	-.02959	.23847	.35222	.33888	.31481	.32581	.31113	.31255	.21714	.22575
1.050	8.021	-.04148	.29232	.33427	.33022	.30741	.31598	.30255	.29946	.21669	.22343
1.050	9.992	-.03040	.34757	.31264	.31975	.29359	.30327	.28113	.28567	.21277	.21871
1.049	12.003	-.05588	.40142	.29034	.30488	.27284	.28682	.26136	.26387	.20200	.20893
1.049	14.001	-.05704	.45725	.27031	.29079	.24856	.27325	.23739	.24064	.18902	.19632
1.049	16.023	-.05926	.51461	.25491	.27798	.23048	.25395	.21141	.20908	.16934	.18049
1.047	18.007	-.05240	.56928	.21555	.25759	.19386	.23199	.17873	.18526	.14305	.16409
	GRADIENT	.00248	.02642	.00164	-.00169	.00291	-.00161	.00248	-.00155	.01090	.01265

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.102	-4.231	.02364	.02664	.42251	.40290	.36736	.39060	.35453	.37780	.16801	.15229
1.097	-3.821	-.03837	.03219	.42142	.40183	.36711	.38950	.35433	.37750	.17606	.16670
1.100	-1.932	.05600	.07908	.42454	.40301	.37050	.39078	.35840	.37955	.20711	.21033
1.101	.131	.05050	.13285	.42153	.39830	.37368	.38758	.36025	.37700	.24192	.24245
1.099	2.006	-.02897	.17982	.41555	.39084	.37190	.38231	.36159	.37343	.25706	.26503
1.098	4.060	-.02636	.23128	.40604	.38137	.37170	.37433	.36051	.36609	.26557	.27368
1.098	6.010	-.01931	.28159	.39625	.38167	.35623	.36662	.35231	.35790	.26430	.27524
1.099	8.012	-.03436	.33387	.37718	.37450	.34820	.35998	.34278	.33542	.26020	.27205
1.098	9.988	-.03625	.38785	.35318	.36248	.33365	.34738	.31974	.32888	.25732	.26542
1.098	12.021	-.02056	.44170	.33364	.35087	.31177	.33222	.29986	.30818	.24559	.25650
1.098	14.008	.00772	.49605	.31632	.34048	.28931	.32189	.27809	.28774	.23070	.24496
1.097	15.982	-.03715	.54958	.29715	.32835	.26848	.30297	.25611	.25905	.21136	.22732
1.098	18.027	-.04283	.60861	.26365	.31258	.23282	.28507	.22434	.23684	.19007	.21667
	GRADIENT	-.00362	.02500	-.00176	-.00245	.00062	-.00179	.00086	-.00126	.01237	.01497

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-4.230	.03930	.05102	.41154	.42080	.37698	.40912	.37184	.39607	.17503	.14571
1.150	-2.009	.05902	.09148	.41301	.41690	.37645	.40579	.36282	.39358	.20523	.21106
1.150	.011	.05415	.13635	.43976	.40909	.38098	.39882	.36096	.38733	.23626	.24815
1.151	2.027	.05535	.18793	.42915	.39593	.38104	.39103	.36482	.38140	.25804	.27178
1.151	4.114	.05286	.23773	.42151	.38736	.37671	.38008	.36095	.37072	.26318	.27703
1.149	5.708	.03843	.28844	.40846	.38981	.35973	.37477	.35024	.36134	.26014	.27520
1.149	8.003	.03478	.33810	.38785	.38114	.35125	.36593	.34057	.33932	.25569	.26963
1.150	10.080	.05528	.39377	.36124	.37024	.33584	.35368	.31456	.33252	.24488	.25991
1.149	12.084	.04742	.44761	.34622	.36190	.31837	.34275	.29983	.31528	.23309	.24998
1.151	14.054	.05874	.50177	.33630	.35578	.29605	.33747	.28289	.29929	.22937	.24755
1.150	16.024	.03071	.55732	.31353	.34746	.26848	.32267	.25536	.27702	.22014	.24095
1.151	18.060	.05331	.61559	.28563	.33348	.23414	.30868	.21797	.25605	.20507	.23523
	GRADIENT	.00116	.02265	.00175	-.00423	.00019	-.00351	-.00097	-.00303	.01107	.01567

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.200	-4.090	.04524	.05274	.42633	.42195	.39368	.41316	.37297	.39899	.14958	.14257
1.197	-1.857	.05683	.10300	.42645	.41484	.38877	.40683	.36900	.39382	.20828	.19786
1.201	.004	.04500	.13986	.45493	.40512	.39840	.39811	.36669	.38622	.23676	.25057
1.198	2.104	.05922	.18448	.44128	.39012	.38772	.38924	.36598	.37833	.24283	.26752
1.203	4.006	.04687	.23469	.43324	.38005	.37945	.37556	.35623	.36676	.23879	.26847
1.202	6.042	.04720	.28324	.42243	.38725	.37125	.37294	.34631	.35919	.23435	.26700
1.201	8.046	.04632	.33481	.39838	.38223	.35524	.36800	.33516	.33915	.23305	.25975
1.199	10.042	.06992	.38711	.37400	.37562	.34056	.35992	.31162	.33790	.23647	.25949
1.203	12.036	.06196	.44490	.36450	.36399	.32259	.35379	.28865	.32453	.23849	.25968
1.201	14.011	.05374	.49964	.35497	.36688	.30580	.34659	.25595	.30992	.23773	.25894
1.200	16.020	.04726	.55724	.33959	.36613	.28594	.34356	.22934	.29613	.22907	.24460
1.200	18.002	.04626	.61603	.31908	.35672	.26032	.33560	.20238	.27648	.19499	.21338
	GRADIENT	.00033	.02211	.00141	-.00537	-.00147	-.00459	-.00180	-.00395	.01068	.01602

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.299	-1.931	.01934	.10402	.45553	.40654	.41848	.41375	.39341	.40609	.21124	.22776
1.299	-.060	.01592	.14642	.49639	.39417	.43532	.40505	.39223	.40202	.22303	.24517
1.299	1.936	.01753	.19901	.48744	.39589	.42970	.40063	.39559	.39729	.23475	.24931
1.300	4.028	.01133	.24822	.47162	.39248	.42440	.39288	.39054	.39128	.24086	.25917
1.299	5.939	.01910	.29227	.45505	.39392	.40063	.38682	.37918	.38407	.23150	.25920
1.300	7.974	.01730	.34783	.42796	.41659	.38984	.39731	.36015	.36220	.23621	.26001
1.299	9.940	.01724	.39795	.40777	.39430	.37698	.39248	.33668	.35814	.23598	.25824
1.300	12.007	.01774	.45263	.40534	.42270	.36595	.39297	.32335	.35871	.22788	.24622
1.300	13.936	.01556	.50657	.41056	.41684	.35796	.39865	.30552	.34717	.21571	.24243
1.299	15.981	.00760	.56653	.40579	.41150	.34765	.38532	.28553	.33822	.19922	.23645
1.301	17.985	.00472	.62735	.39318	.42281	.33029	.38254	.26141	.32331	.18817	.22879
	GRADIENT	-.00113	.02442	.00182	-.00201	.00055	-.00337	-.00028	-.00248	.00504	.00492

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.400	-3.954	-.11036	.05794	.37387	.40758	.36937	.42293	.34052	.39739	.21046	.24380
1.400	-1.985	-.10562	.10191	.41700	.38901	.38182	.41070	.35564	.41388	.21433	.25718
1.399	-.031	-.08954	.14332	.49912	.37068	.42401	.39162	.35986	.40369	.22552	.25858
1.400	1.958	-.08402	.18462	.49220	.34269	.42490	.36830	.36309	.38500	.24088	.25516
1.399	3.976	-.07027	.23077	.42676	.30682	.38933	.34441	.36101	.36731	.25307	.25343
1.400	5.945	-.05978	.28565	.41609	.25912	.37569	.31623	.35616	.35171	.25375	.26099
1.401	8.006	-.04759	.34135	.39153	.21640	.36402	.28189	.33895	.31823	.26000	.24852
1.399	9.955	-.02642	.40134	.37866	.18263	.35859	.25184	.32653	.29382	.24812	.24656
1.401	11.966	-.01489	.45842	.37571	.17124	.35429	.22649	.31858	.27164	.23735	.24821
1.401	14.006	-.00833	.50803	.43568	.16456	.35831	.20179	.31543	.24121	.22838	.24889
1.400	15.969	.00264	.56492	.46726	.21769	.39208	.22096	.31514	.23156	.21041	.24341
1.399	18.004	.01303	.62675	.46124	.32880	.39579	.32663	.31333	.25509	.19540	.23329
	GRADIENT	.00514	.02163	.00905	-.01253	.00415	-.01008	.00244	-.00451	.00565	.00086

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.548	-3.916	-.13817	.06974	.37986	.41725	.36935	.34860	.34529	.32945	.25341	.27296
1.549	-1.929	-.13804	.11030	.38516	.40124	.37254	.38897	.34477	.32766	.24557	.27928
1.550	.009	-.13527	.16352	.40444	.37573	.36751	.38404	.33846	.32537	.25257	.28227
1.551	2.017	-.13365	.19818	.39697	.35117	.36522	.36284	.33248	.32023	.25660	.26686
1.552	4.012	-.13305	.23956	.40121	.33463	.37296	.35505	.33843	.32661	.24761	.24686
1.551	6.030	-.13215	.29065	.39688	.31078	.36778	.34861	.33442	.33526	.24550	.24169
1.550	8.072	-.12939	.34572	.38661	.28139	.36353	.33643	.33904	.33512	.25822	.24692
1.549	10.056	-.12289	.39645	.38709	.25536	.36189	.32105	.34267	.33939	.24126	.24484
1.548	12.088	-.12164	.45343	.37307	.21975	.34449	.29654	.32336	.32147	.23205	.25678
1.547	14.077	-.12430	.51055	.36369	.20229	.33849	.27011	.31058	.30216	.22939	.25920
1.548	16.089	-.12482	.56652	.39066	.17216	.33938	.24370	.29523	.27650	.22953	.25128
	GRADIENT	.00074	.02158	.00274	-.01087	-.00000	-.00068	-.00131	-.00066	-.00003	-.00328

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (EVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.899	-3.948	.09855	-.17090	.19775	.21103	.15949	.19982	.15892	.18265	.00037	-.01246
.901	-2.075	.06819	-.11597	.20807	.21718	.17302	.20642	.17224	.19136	.03972	.03191
.902	-.043	.06692	-.05717	.21604	.21959	.18312	.20968	.18318	.19526	.07291	.06803
.899	1.912	.09827	-.00188	.21907	.21892	.19011	.20895	.18955	.19571	.09565	.08911
.901	4.013	.07074	.05948	.22180	.21856	.19474	.20821	.19398	.19416	.10827	.10361
.901	5.955	.07160	.11650	.22017	.21363	.19681	.20307	.19337	.18903	.11384	.11206
.900	7.975	.07211	.17655	.21273	.20455	.19225	.19418	.18736	.17828	.10465	.11442
.899	9.994	.10249	.23501	.19612	.19433	.17870	.18228	.17442	.16432	.10211	.11066
.898	12.001	.10169	.29281	.17397	.17799	.16294	.16487	.15719	.14564	.09672	.10466
.896	13.988	.10029	.35113	.14440	.15963	.14061	.14564	.13588	.12434	.08733	.09590
.896	16.034	.10189	.41146	.11373	.14281	.11451	.12759	.10834	.10016	.07169	.08250
	GRADIENT	-.00127	.02888	.00296	.00083	.00438	.00096	.00438	.00136	.01360	.01448

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.198	-3.971	.04792	.04768	.42404	.41879	.38947	.41152	.37195	.39122	.17271	.15608
1.201	-1.989	.04010	.09751	.42429	.41264	.38869	.40444	.37074	.38637	.22785	.21368
1.199	.078	.04963	.14002	.41998	.40376	.38320	.39592	.36652	.37877	.24577	.26491
1.202	2.000	.04339	.18185	.41315	.39168	.37628	.38509	.35911	.36835	.24872	.27523
1.199	4.043	.05307	.23176	.40062	.38175	.36559	.37459	.34853	.35729	.24947	.27359
1.201	6.037	.04176	.28283	.39127	.37331	.35662	.36527	.33852	.34657	.23530	.26912
1.201	7.984	.04268	.33295	.37969	.36633	.34646	.35633	.32728	.33606	.22987	.26086
1.199	10.068	.05987	.39030	.36582	.35761	.33265	.34763	.31209	.32387	.23341	.25551
1.203	12.004	.04966	.44536	.34995	.34987	.31591	.33812	.29271	.31050	.23576	.25750
1.203	13.983	.04857	.50000	.32960	.34347	.29328	.33013	.26337	.29601	.23326	.25941
1.195	16.063	.05945	.55929	.30390	.33585	.26824	.32088	.23154	.27965	.22562	.24491
	GRADIENT	.00069	.02261	-.00290	-.00475	-.00301	-.00465	-.00292	-.00429	.00872	.01483

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (EVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.548	-3.832	-.13333	.07651	.39508	.38954	.38524	.37573	.35291	.33953	.26215	.28090
1.551	-1.943	-.13471	.11160	.39732	.38588	.38502	.37322	.35235	.33799	.25993	.29263
1.549	.059	-.13346	.16275	.40538	.37849	.38813	.37221	.35181	.33628	.25319	.29431
1.550	2.067	-.13393	.20753	.40419	.35952	.38150	.36423	.34741	.32973	.25489	.28636
1.550	4.112	-.13446	.24715	.41176	.33929	.38189	.35875	.34640	.33072	.24619	.25724
1.550	6.042	-.13399	.29501	.40819	.31743	.37621	.35194	.34304	.33753	.24537	.24443
1.549	8.081	-.13283	.35277	.39932	.29232	.36894	.33804	.34310	.33791	.25314	.25007
1.547	10.091	-.12934	.40192	.39741	.27420	.36650	.32275	.34343	.33511	.23925	.25787
1.548	12.081	-.12857	.45589	.38606	.25745	.35339	.29951	.32920	.31681	.23403	.26035
1.545	14.063	-.12931	.51434	.38153	.25165	.35105	.28069	.31886	.30061	.22958	.25930
1.552	16.095	-.12875	.56719	.36734	.23118	.34344	.25871	.30177	.27390	.23418	.24617
	GRADIENT	-.00007	.02198	.00202	-.00640	-.00052	-.00217	-.00090	-.00130	-.00186	-.00274

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.201	-1.814	1.95195	-.19731	.01451	.13961	-.01323	.12735	-.01180	.11530	-.09209	.00098
.203	.154	2.06877	-.14118	.02998	.14895	.00422	.13484	.00631	.12513	-.06325	.02858
.203	2.179	2.05506	-.08884	.04329	.15385	.01685	.14114	.01964	.13490	-.04502	.04609
.202	4.153	2.01703	-.04056	.04786	.15168	.02539	.13885	.02469	.13256	-.03985	.04857
.203	6.085	1.98186	.01481	.04550	.14589	.02457	.13175	.02388	.12272	-.03468	.04760
.201	7.845	1.77524	.06820	.04891	.14180	.03104	.13805	.02899	.11735	-.04042	.04892
.201	9.843	1.70506	.11801	.02999	.11233	.02218	.10154	.01792	.09092	-.04311	.04065
.201	11.747	1.82228	.17397	.00666	.09495	.00310	.08630	.00596	.07564	-.04956	.04300
.202	13.750	1.81071	.22675	-.02108	.06273	-.01403	.05633	-.01331	.04861	-.06116	.02471
.201	15.741	1.83597	.28460	-.05142	.02709	-.03928	.02637	-.03926	.01711	-.08774	-.00003
.200	17.724	1.86563	.33831	-.08652	-.00164	-.06998	.00270	-.06922	-.01237	-.10584	-.01533
	GRADIENT	.00907	.02622	.00569	.00206	.00645	.00205	.00616	.00309	.00878	.00804

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.250	-1.985	2.03946	-.16042	.04956	.15310	.01312	.14032	.01669	.13518	-.07116	.01453
.250	.185	2.06044	-.11807	.05635	.15895	.02045	.14325	.02690	.13664	-.05420	.03265
.250	2.161	2.05204	-.06848	.06871	.16779	.03637	.14921	.04140	.14259	-.03546	.05147
.250	4.125	2.04723	-.01843	.07272	.16739	.04400	.15098	.04543	.14364	-.02633	.05909
.250	6.096	1.95942	.03119	.06987	.16290	.04121	.14581	.04265	.13849	-.02394	.06200
.251	7.930	1.99093	.08585	.06592	.16135	.04311	.14576	.04240	.13777	-.02030	.06665
.253	10.021	2.07510	.14801	.05265	.15361	.03371	.13686	.03722	.12901	-.02800	.07301
.250	11.940	1.89671	.19439	.02648	.11864	.01648	.10441	.01934	.09788	-.04282	.06081
.251	13.902	1.92066	.25130	.00018	.09196	-.00122	.08061	.00303	.07629	-.05173	.05073
.250	15.709	1.82131	.30911	-.02655	.06027	-.02508	.05392	-.01865	.04735	-.06667	.02799
	GRADIENT	.00081	.02338	.00403	.00256	.00533	.00187	.00497	.00154	.00756	.00753

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.401	-1.955	2.15572	-.18059	.03314	.15565	.00568	.14618	.00569	.13731	-.07546	.01379
.401	.036	2.07651	-.13105	.04695	.16301	.02139	.15197	.02256	.14116	-.04630	.03417
.401	2.050	2.08129	-.07864	.05771	.16738	.03491	.15595	.03490	.14440	-.02843	.04921
.401	4.012	2.07505	-.02510	.06439	.16927	.04355	.15786	.04201	.14556	-.02316	.06016
.402	6.031	2.08018	.03268	.06550	.16619	.04774	.15633	.04426	.14286	-.01053	.06589
.402	7.898	1.95829	.08148	.05959	.15915	.04458	.14856	.04188	.13476	-.01463	.06537
.403	9.941	2.01127	.14084	.04247	.14352	.03519	.13453	.03289	.12079	-.02452	.06623
.403	11.847	1.83347	.19283	.02533	.11579	.02609	.10761	.02648	.09499	-.02602	.05985
.402	13.841	1.88477	.24830	-.00417	.08333	.00389	.07902	.00390	.06830	-.03445	.04536
.402	15.870	1.88985	.30723	-.02790	.05726	-.01672	.05415	-.01824	.04300	-.04980	.02606
	GRADIENT	-.01192	.02605	.00525	.00227	.00639	.00196	.00609	.00141	.00878	.00774

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.700	-1.942	1.99182	-.16533	.09292	.19200	.04716	.17353	.03821	.17291	-.08575	.01257
.700	.041	1.99897	-.11122	.10535	.19855	.06087	.17996	.05937	.17754	-.04726	.04438
.700	2.017	1.97667	-.05693	.11090	.19932	.07163	.18251	.07068	.18023	-.02693	.06588
.701	3.980	1.98801	-.00187	.11867	.19355	.07750	.17992	.07545	.17942	-.01660	.07905
.701	6.002	2.03808	.05449	.09356	.19312	.08102	.17936	.07348	.17928	-.01271	.08781
.701	7.987	2.00879	.11014	.08645	.19324	.06749	.17854	.06997	.16407	-.01153	.09264
.701	9.983	2.09878	.17074	.08828	.18184	.05695	.16864	.05819	.15952	-.01184	.09160
.701	11.940	1.94343	.22565	.06098	.15682	.04902	.14414	.04036	.13697	-.01528	.08079
.700	13.869	1.94561	.27978	.04040	.12926	.03117	.11584	.02925	.11187	-.02717	.06932
.698	15.856	1.97539	.33873	.02238	.11701	.01382	.09320	.00347	.07353	-.04620	.05096
.697	17.909	1.98493	.39940	-.01636	.09154	-.01979	.06986	-.02867	.05211	-.06931	.03430
	GRADIENT	-.00171	.02759	.00420	.00028	.00516	.00110	.00624	.00113	.01155	.01120

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.800	-3.993	2.19080	-.21285	.08341	.21141	.04569	.20390	.04348	.19848	-.10404	-.00817
.800	-1.945	2.05774	-.15693	.09907	.22242	.06391	.20934	.06308	.20345	-.06101	.02666
.800	-.103	2.07723	-.10489	.13321	.22779	.07993	.21424	.07387	.20719	-.02821	.06184
.800	2.034	2.05185	-.04437	.13566	.22806	.09461	.21463	.08635	.20863	-.00485	.08721
.800	3.997	2.07416	.01081	.13088	.22976	.10217	.21634	.09878	.20712	.00688	.10034
.799	5.983	2.14500	.06860	.11638	.22299	.08972	.21386	.09618	.20497	.00872	.10864
.800	7.938	2.04475	.12545	.10908	.22228	.08975	.20854	.09505	.18800	.01371	.11340
.800	10.015	2.10130	.18793	.08517	.20622	.07416	.19781	.07333	.18246	.01196	.11335
.800	11.935	1.89652	.24437	.06780	.18600	.06305	.17277	.06442	.15903	.01126	.10201
.800	13.922	1.91091	.30433	.07519	.16104	.05481	.14647	.04646	.13493	.00109	.09108
.800	15.918	1.91535	.36452	.05009	.15300	.03757	.13218	.02922	.09886	-.01598	.07505
.800	17.964	1.95964	.42580	.01043	.12789	.00348	.10759	-.00057	.08123	-.04029	.06098
	GRADIENT	-.01203	.02805	.00654	.00211	.00719	.00150	.00671	.00112	.01391	.01389

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.850	-1.921	2.02585	-.13907	.12535	.24401	.08792	.23120	.08595	.22432	-.04359	.04487
.850	.083	2.04031	-.08183	.15783	.24817	.10866	.23486	.09709	.22778	-.00994	.08107
.849	1.911	2.02590	-.02950	.15853	.24933	.11614	.23534	.10647	.22910	.01287	.10394
.850	3.916	2.09145	.02852	.15964	.24812	.12136	.23536	.11830	.22559	.02605	.11784
.850	6.055	2.08356	.08961	.14699	.24042	.11442	.23184	.11622	.22182	.02971	.12560
.850	7.947	2.05999	.14476	.12994	.24621	.10877	.23171	.11284	.20867	.03241	.13192
.850	10.052	2.07240	.20830	.10663	.23089	.09419	.21780	.09276	.20379	.03231	.13144
.850	11.914	1.82452	.26385	.09274	.21089	.08281	.19485	.08397	.17796	.02992	.12029
.850	13.904	1.94492	.32317	.09501	.18791	.07509	.17175	.06435	.15556	.01922	.11139
.850	15.960	1.96682	.38590	.06625	.17718	.05307	.15717	.04700	.11987	.00119	.09601
.850	17.893	1.89778	.44544	.02928	.15374	.02087	.13210	.01796	.10221	-.02050	.08224
.850	18.929	1.89398	.47574	.00476	.13860	.00077	.11567	-.00106	.08206	-.03288	.06968
	GRADIENT	.00953	.02870	.00538	.00070	.00558	.00067	.00551	.00026	.01198	.01250

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.901	-3.993	2.11363	-.16861	.16531	.27031	.12531	.25695	.11441	.25010	-.05377	.03131
.901	-1.992	2.05915	-.11250	.16257	.27513	.12433	.26186	.12678	.25489	-.01418	.07073
.902	-.031	2.09186	-.05542	.19359	.27916	.14272	.26580	.12931	.25883	.01754	.10846
.901	1.956	2.05706	.00143	.19239	.27845	.14810	.26541	.13781	.25895	.04233	.13345
.899	3.998	2.12144	.05905	.19099	.26840	.14972	.26114	.14583	.25496	.05442	.14699
.900	5.974	2.14127	.11586	.18551	.26660	.14860	.25440	.14290	.25105	.05860	.15474
.900	7.870	1.98775	.17143	.16348	.27087	.14018	.25747	.14153	.23583	.06071	.15688
.899	9.976	2.05688	.23290	.13506	.26266	.12092	.24724	.11914	.23204	.05680	.15837
.900	11.929	1.85725	.29051	.12351	.24116	.11101	.22454	.11164	.20568	.05604	.14788
.899	13.877	1.85070	.34829	.12387	.22359	.10137	.20571	.09122	.18290	.04475	.13792
.900	15.937	1.86382	.41088	.09440	.20812	.07808	.18714	.07478	.14883	.02811	.12360
.900	17.933	1.89382	.47011	.05400	.18425	.04221	.16273	.04292	.12955	.00508	.10990
	GRADIENT	.00071	.02856	.00406	-.00003	.00363	.00059	.00371	.00069	.01368	.01474

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.949	-4.034	1.98262	-.12890	.19850	.30738	.15983	.29360	.16179	.28613	-.01238	.06369
.950	-1.959	2.04477	-.07135	.20529	.31375	.16634	.30151	.15953	.29394	.02384	.11007
.949	-.034	2.08820	-.01781	.23568	.31540	.18328	.30275	.16643	.29508	.05298	.14453
.949	1.998	2.08670	.03947	.23250	.31401	.18658	.30185	.17668	.29524	.07966	.17014
.950	3.973	2.06688	.09443	.22978	.31275	.18718	.30002	.18172	.29044	.09125	.18242
.951	6.040	2.07599	.15281	.22301	.30643	.18641	.29526	.17845	.28405	.09746	.18868
.950	7.898	2.00234	.20584	.20152	.30618	.17567	.29221	.17406	.27434	.09758	.19184
.950	9.938	2.09564	.26512	.17778	.29812	.15833	.28092	.15154	.26501	.09128	.19227
.951	11.944	1.88598	.32624	.17777	.27668	.14692	.25729	.14128	.23751	.09279	.18013
.950	13.959	1.92110	.38277	.14833	.25905	.13018	.24109	.11806	.21587	.07837	.17185
.950	15.980	1.94944	.44265	.12408	.24019	.10584	.21834	.10195	.18179	.06085	.15673
.949	17.944	1.91873	.50119	.08566	.22054	.06992	.19610	.06941	.16018	.03842	.14161
	GRADIENT	.01056	.02791	.00448	.00055	.00375	.00067	.00285	.00050	.01318	.01491

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.981	-4.081	1.97967	-.10649	.22583	.33475	.18787	.32104	.18686	.31333	.01050	.08728
.980	-1.928	2.05338	-.04617	.23304	.33830	.19322	.32578	.18397	.31853	.04819	.13396
.978	-.014	2.04817	.00548	.26188	.33728	.20881	.32520	.18902	.31718	.07625	.16744
.979	2.026	2.03891	.06292	.25824	.33675	.21204	.32479	.20062	.31753	.10309	.19298
.979	3.994	2.05837	.11765	.25509	.33458	.21211	.32160	.20416	.31182	.11408	.20421
.979	5.991	2.12303	.17233	.24497	.32986	.20738	.31810	.19756	.30653	.11715	.21007
.979	7.940	2.00059	.22653	.22423	.32720	.19562	.31272	.19338	.29834	.11807	.21191
.980	9.961	1.99623	.28523	.20075	.31573	.18212	.29878	.17391	.28152	.11594	.20952
.980	11.932	1.91032	.34255	.20293	.29819	.16950	.27892	.15960	.25820	.11258	.20046
.979	13.945	1.92452	.40119	.16897	.27955	.14907	.26252	.13739	.23427	.09796	.18986
.981	15.898	1.94593	.45967	.14452	.26268	.12334	.24039	.11974	.20359	.07973	.17548
.979	17.969	1.95422	.52063	.10373	.24179	.08306	.21713	.08416	.17881	.05448	.15968
	GRADIENT	.00721	.02773	.00416	-.00009	.00334	.00002	.00254	-.00019	.01306	.01460

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.051	-4.011	1.97852	-.03354	.29672	.40104	.26160	.38807	.25735	.37994	.07629	.15401
1.050	-1.942	1.96724	.02258	.30382	.39949	.26563	.38848	.25230	.37996	.11300	.19582
1.049	-.019	1.98685	.07435	.33159	.39833	.27565	.38772	.25571	.37929	.14108	.22954
1.050	2.009	2.02050	.12902	.32446	.39414	.27732	.38521	.25995	.37748	.16517	.25353
1.048	4.018	2.01674	.18183	.31787	.39300	.27767	.38160	.26590	.37060	.17520	.26312
1.048	6.058	2.06260	.23496	.29787	.38352	.26060	.37469	.25704	.36231	.17272	.26582
1.049	7.995	1.99003	.28759	.28194	.38409	.25377	.37004	.25110	.35114	.17369	.26690
1.050	10.014	2.15290	.34576	.25815	.37387	.23653	.36193	.22618	.34188	.16743	.26800
1.049	11.998	1.95422	.39934	.25129	.35508	.21925	.33565	.21106	.31260	.16031	.25195
1.049	13.933	1.98267	.45462	.23074	.33856	.19773	.32045	.18767	.28912	.14298	.24070
1.051	15.966	2.00396	.51231	.20549	.32674	.17096	.30140	.16221	.25713	.12559	.22489
1.050	17.958	2.01044	.56848	.16569	.30516	.12853	.27814	.12927	.23212	.10089	.20905
	GRADIENT	.00646	.02685	.00313	-.00107	.00218	-.00081	.00123	-.00106	.01250	.01379

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.101	-3.861	1.88250	.03333	.39097	.44628	.33162	.43408	.31352	.42549	.13917	.21514
1.101	-1.934	2.03492	.08016	.39008	.44907	.32950	.43838	.31227	.42962	.17092	.25180
1.098	.011	1.99787	.12981	.38078	.44701	.32990	.43601	.31253	.42779	.20201	.28411
1.097	1.967	2.02256	.17852	.37269	.44184	.32580	.43235	.31199	.42467	.21696	.30551
1.098	4.069	1.99743	.23092	.36645	.42911	.32170	.42181	.30932	.41424	.22535	.31275
1.102	6.028	2.08426	.28111	.35220	.42680	.30950	.41361	.29922	.40708	.22431	.31590
1.101	7.940	1.91656	.33225	.32757	.42484	.29834	.41044	.29315	.38770	.22263	.31310
1.099	10.041	2.06116	.38680	.30363	.40922	.27997	.39791	.26836	.37830	.21525	.30853
1.101	11.953	1.94800	.44092	.29624	.39671	.26076	.37792	.25143	.35373	.20517	.29690
1.100	13.871	1.91693	.49275	.28051	.38039	.24074	.36175	.23322	.32915	.19022	.28370
1.101	15.911	1.91806	.54869	.25816	.36634	.21535	.34104	.20877	.29704	.17025	.26577
1.101	17.912	1.94513	.60471	.22104	.34687	.17461	.32070	.17247	.27347	.15232	.25298
	GRADIENT	.01084	.02498	-.00337	-.00213	-.00120	-.00157	-.00044	-.00141	.01101	.01255

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-3.928	2.01002	.05601	.36988	.46668	.33828	.45511	.32937	.44557	.12736	.21232
1.151	-1.962	2.04859	.09046	.38573	.46252	.33800	.45160	.31857	.44198	.16554	.25897
1.151	.008	2.05114	.13638	.40251	.45719	.34921	.44646	.31591	.43729	.19618	.29128
1.148	2.044	2.04377	.18732	.39008	.44490	.33859	.43991	.31821	.43082	.21751	.31271
1.149	4.047	2.03303	.23618	.38116	.43649	.33063	.42902	.31138	.42004	.22222	.31725
1.150	6.039	2.08258	.28724	.36737	.43495	.31856	.42001	.29755	.40982	.21839	.31571
1.149	7.933	1.93581	.33704	.34160	.42885	.30441	.41383	.28967	.39375	.21470	.30904
1.149	9.940	2.07975	.39085	.31821	.41775	.28547	.40265	.26334	.38008	.20217	.30230
1.149	11.887	1.86793	.44362	.32407	.40127	.27845	.38167	.25502	.35410	.19873	.28631
1.148	13.900	1.90021	.49988	.30546	.39047	.25701	.37044	.23176	.33358	.19233	.28234
1.150	15.857	1.87983	.55574	.29021	.37749	.23698	.35418	.19106	.30904	.18528	.27412
1.150	17.910	1.92817	.61415	.25899	.36587	.20386	.33850	.14674	.28594	.17008	.26666
1.148	18.951	1.95715	.64455	.24017	.35986	.18506	.33205	.12722	.27526	.16036	.25892
	GRADIENT	.00204	.02292	.00132	-.00391	-.00075	-.00320	-.00181	-.00312	.01209	.01318

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.200	-4.012	2.07164	.04373	.38862	.46912	.35527	.45955	.33012	.44819	.17081	.18457
1.202	-1.980	2.04860	.09502	.42749	.46152	.35596	.45284	.33045	.44141	.18224	.25008
1.201	-.016	2.05734	.13809	.42358	.45402	.36710	.44488	.32750	.43426	.20423	.28746
1.201	2.000	2.05280	.18138	.41067	.43751	.35537	.43504	.32850	.42417	.20332	.30227
1.200	3.978	2.08634	.23309	.40075	.42924	.34534	.42260	.31763	.41300	.19701	.30205
1.201	6.018	2.09593	.28096	.38672	.42822	.33483	.41436	.30459	.40315	.19126	.29848
1.200	7.937	2.07834	.33039	.35640	.43079	.31837	.41704	.29276	.39069	.19073	.29766
1.202	9.993	2.11113	.38638	.33609	.42496	.30099	.40839	.26948	.38294	.18957	.30021
1.198	11.886	1.84725	.44149	.33481	.40841	.28807	.39028	.25058	.36051	.20181	.29171
1.196	13.858	1.87298	.49783	.33876	.39757	.28072	.38031	.22678	.33966	.19701	.28898
1.204	15.934	1.90877	.55477	.32492	.39899	.26907	.37560	.20587	.32537	.17609	.27981
1.202	17.947	1.93565	.61335	.29774	.38817	.23800	.36423	.18115	.30427	.14992	.25827
	GRADIENT	.00167	.02330	.00039	-.00520	-.00103	-.00459	-.00135	-.00439	.00368	.01440

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	-4.010	1.88875	.06209	.39988	.47789	.36474	.47389	.34846	.46238	.15529	.21900
1.301	-1.957	2.02013	.10848	.47156	.47550	.36835	.47267	.34706	.46145	.16278	.26860
1.300	-.020	2.02373	.15116	.46297	.46847	.40426	.46517	.35138	.45664	.17208	.30392
1.299	1.989	2.04828	.20111	.45652	.46105	.39914	.46094	.36441	.45078	.18207	.30999
1.300	4.021	2.04597	.24837	.45096	.45598	.39426	.45019	.35799	.44234	.18832	.31459
1.299	6.015	2.11577	.30108	.41340	.45647	.37042	.44356	.34922	.43175	.19297	.31750
1.300	7.960	2.02609	.35630	.38118	.45717	.35605	.43996	.33520	.40888	.20777	.32012
1.300	9.999	2.13198	.40840	.37255	.44274	.34881	.42918	.31672	.40081	.20781	.31396
1.301	11.906	1.89701	.45757	.39545	.43642	.34791	.41477	.30962	.38387	.19754	.29119
1.300	13.940	1.94493	.51467	.41286	.43631	.34525	.41286	.29131	.37326	.17874	.27878
1.299	15.926	1.95538	.57270	.40189	.43362	.34127	.40942	.26955	.36167	.16410	.26772
1.299	17.954	1.94618	.63298	.37974	.42985	.31462	.40269	.24477	.34046	.14959	.25777
	GRADIENT	.01716	.02325	.00438	-.00291	.00447	-.00295	.00181	-.00254	.00426	.01162

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.401	-4.020	1.91267	.05624	.31496	.45786	.30760	.46689	.27949	.45865	.18376	.27511
1.401	-1.993	1.98557	.10403	.40371	.44186	.31117	.45770	.28753	.45785	.17424	.28879
1.401	-.015	1.97644	.14548	.42234	.41196	.34895	.43649	.29624	.44444	.17503	.29560
1.402	1.977	1.98307	.18626	.40344	.39985	.35080	.41097	.30184	.42196	.19482	.29643
1.399	4.008	2.02120	.24215	.38547	.38140	.33921	.39277	.30229	.39882	.20306	.30193
1.400	6.072	2.05652	.29342	.34593	.34167	.31550	.36207	.30667	.38033	.20512	.30661
1.401	8.039	2.11415	.34843	.33296	.27521	.30823	.31057	.30085	.34871	.20639	.31836
1.400	10.071	2.19329	.40836	.32950	.31974	.30857	.31768	.28638	.33421	.18431	.30752
1.402	11.999	1.98182	.46513	.37021	.39266	.32307	.35735	.28908	.33702	.18336	.29139
1.401	14.063	2.03380	.52035	.42991	.42649	.34391	.37854	.28423	.35020	.17494	.29514
1.401	15.966	2.01402	.56874	.44856	.44036	.38056	.41858	.29031	.34251	.16853	.29673
1.399	18.004	2.01274	.62820	.44250	.47636	.37626	.43965	.30179	.34001	.16399	.28492
	GRADIENT	.01074	.02268	.00703	-.00973	.00512	-.00973	.00299	-.00777	.00295	.00306

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.548	-3.908	1.84243	.06688	.32870	.45660	.31713	.43821	.29406	.37917	.21716	.30890
1.548	-1.851	1.85650	.11163	.33881	.43900	.30608	.44703	.29088	.38163	.20905	.31781
1.549	.114	1.84742	.16027	.37157	.42194	.29183	.43219	.28843	.38730	.19385	.30704
1.549	2.104	1.87373	.20310	.36505	.39755	.30590	.41508	.28929	.39307	.20228	.28984
1.550	4.150	1.88358	.24175	.34337	.37364	.31597	.40458	.28584	.40011	.19740	.28427
1.551	6.220	1.91501	.28889	.33425	.34233	.30899	.38776	.28038	.39060	.19809	.28240
1.552	8.091	1.93765	.33769	.32081	.31698	.30210	.37432	.27487	.38876	.19996	.29187
1.551	10.026	2.07894	.39418	.32156	.28381	.30631	.34716	.28378	.37900	.17393	.29606
1.547	11.923	2.01404	.44550	.30951	.24890	.29185	.32018	.27472	.35149	.18031	.28731
1.546	13.900	2.04322	.50490	.29510	.22841	.27946	.28993	.26625	.32359	.17263	.28495
1.552	15.908	2.07452	.56084	.30381	.20533	.26240	.26621	.24453	.29749	.17159	.28351
1.549	17.898	2.10055	.62487	.36309	.20139	.28315	.24135	.23256	.26854	.16313	.27797
	GRADIENT	.00496	.02198	.00275	-.01033	-.00012	-.00493	-.00090	.00266	-.00231	-.00384

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (EVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.202	-1.929	-.31382	-.19499	.07407	.07898	.04934	.06408	.05356	.04857	-.04247	-.04890
.202	-.016	-.27307	-.14504	.08663	.08871	.06395	.07446	.06606	.06103	-.02037	-.02184
.202	2.003	-.23081	-.08555	.10409	.10616	.08152	.09055	.08362	.08282	.00397	.00252
.202	3.989	-.18963	-.04195	.10408	.09909	.08291	.08488	.08298	.07785	.00812	.00528
.201	6.053	-.14550	.00927	.10237	.09379	.08104	.06020	.07960	.07169	.01140	.00072
	GRADIENT	.02098	.02623	.00543	.00393	.00598	.00396	.00533	.00554	.00890	.00943

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (EVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.250	-1.734	-.25284	-.16259	.09715	.09639	.06572	.08001	.07501	.06926	-.02847	-.03138
.250	.144	-.21112	-.11843	.11094	.10803	.07732	.09093	.08592	.08014	-.01485	-.01132
.251	2.144	-.16629	-.06550	.11952	.11733	.09102	.09817	.09460	.08599	.00920	.00917
.250	4.009	-.18457	-.01878	.12060	.11479	.09039	.09616	.09472	.08890	.01138	.01352
.250	6.242	-.07452	.03647	.12020	.10940	.09370	.09301	.09229	.08649	.01788	.01858
	GRADIENT	.01304	.02520	.00411	.00336	.00457	.00290	.00353	.00337	.00749	.00808

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.404	-1.870	-.29974	-.17758	.09502	.09497	.07053	.08342	.07472	.06816	-.02008	-.03812
.404	.085	-.25709	-.12829	.10637	.10784	.08308	.09477	.08459	.07992	.00371	-.00969
.405	2.152	-.21073	-.07733	.10815	.11304	.08952	.10151	.09253	.08673	.02108	.00586
.399	4.167	-.16669	-.02113	.12106	.11514	.10113	.10447	.09954	.09162	.03080	.01673
.398	6.117	-.12287	.02923	.12001	.11018	.10162	.10106	.09729	.08857	.03353	.01905
	GRADIENT	.02208	.02579	.00395	.00325	.00486	.00346	.00408	.00382	.00842	.00891

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.599	-1.963	-.18010	-.18141	.10813	.11808	.07983	.10226	.08447	.08058	-.03485	-.03837
.599	.091	-.16052	-.12619	.11819	.12762	.09160	.11091	.09571	.10075	.00166	-.00821
.599	2.060	-.09642	-.07319	.12440	.13246	.09984	.11778	.10258	.10986	.01737	.01389
.599	4.128	-.06717	-.01679	.13104	.12526	.10853	.11404	.10815	.11180	.02872	.02682
.599	6.169	-.01614	.03944	.13195	.12292	.11055	.11173	.10741	.11019	.03048	.03307
	GRADIENT	.01987	.02702	.00370	.00130	.00466	.00208	.00385	.00508	.01020	.01075

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.800	-1.822	-.26162	-.15152	.15944	.16318	.12671	.14707	.12899	.13724	-.01104	-.02420
.799	.082	-.21963	-.09962	.18575	.17035	.13288	.15306	.13527	.14559	.02563	.01438
.800	2.136	-.17642	-.04134	.18976	.17646	.15121	.16049	.14236	.15311	.04136	.04300
.800	4.197	-.13435	.01683	.18163	.17632	.15528	.16220	.15299	.15286	.05314	.05792
.800	6.281	-.08868	.07657	.17463	.16481	.14764	.15936	.15071	.14932	.05596	.06492
	GRADIENT	.02113	.02801	.00344	.00225	.00533	.00251	.00394	.00269	.01030	.01362

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (EVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.850	-1.940	-.25143	-.13663	.18355	.18420	.14923	.16906	.14982	.15884	.00329	-.01088
.850	.144	-.26439	-.07930	.21062	.19096	.15597	.17633	.15645	.16687	.04223	.03306
.850	2.202	-.18271	-.02151	.21170	.19645	.17180	.18061	.16223	.17297	.06029	.06152
.850	4.246	-.12456	.03728	.20282	.19655	.17644	.18233	.17259	.17296	.07153	.07634
.850	6.335	-.08998	.09675	.19623	.18738	.16646	.17924	.16899	.16807	.07422	.08312
	GRADIENT	.02239	.02811	.00287	.00207	.00473	.00214	.00359	.00235	.01082	.01409

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.900	-1.931	-.32159	-.10652	.21788	.21541	.18206	.20036	.18148	.19002	.03258	.01549
.900	.161	-.27995	-.05040	.24701	.22093	.18880	.20647	.18659	.19675	.07021	.06028
.900	2.233	-.20158	.00797	.24336	.22552	.20145	.21086	.19242	.20256	.08888	.09018
.900	4.321	-.18726	.06757	.23422	.22452	.20654	.21076	.20025	.20083	.09899	.10437
.900	6.393	-.14404	.12626	.22842	.22025	.19473	.20802	.19791	.19626	.10134	.11069
	GRADIENT	.02311	.02788	.00218	.00153	.00413	.00171	.00298	.00184	.01047	.01424

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.950	-1.845	-.29388	-.06356	.25986	.25615	.22412	.24189	.21999	.23096	.07323	.05603
.949	.191	-.24602	-.00946	.28892	.25985	.23014	.24588	.22456	.23620	.10704	.09884
.949	2.270	-.19431	.04746	.28261	.26259	.24029	.24842	.23181	.23988	.12607	.12782
.949	4.361	-.15003	.10577	.27735	.26024	.24230	.24724	.23584	.23679	.13559	.14140
.949	6.385	-.11012	.16231	.26893	.25759	.23201	.24371	.23162	.23162	.13773	.14682
	GRADIENT	.02335	.02730	.00221	.00072	.00312	.00089	.00265	.00102	.00994	.01376

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.981	-1.847	-.27307	-.03897	.28738	.27982	.25174	.26612	.24584	.25494	.09667	.07804
.979	.196	-.19683	.01386	.31389	.28244	.25471	.27012	.24684	.25978	.12643	.12167
.979	2.283	-.14553	.07064	.30702	.28551	.26378	.27216	.25488	.26340	.14902	.15140
.979	4.387	-.10630	.12821	.30328	.28335	.26526	.27000	.25664	.25919	.15842	.16372
.979	6.418	-.06751	.18421	.29199	.27898	.25367	.26516	.25197	.25238	.16003	.16778
	GRADIENT	.02651	.02686	.00194	.00065	.00239	.00065	.00195	.00078	.00998	.01377

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (EVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.049	-1.880	-.19879	.02585	.35295	.34562	.31764	.33310	.30950	.32120	.15849	.14132
1.048	.124	-.16640	.07832	.37079	.34606	.31938	.33463	.31025	.32382	.19241	.18409
1.051	2.223	-.12384	.13703	.37182	.34807	.32829	.33619	.31408	.32709	.21162	.21390
1.051	4.323	-.05623	.19216	.36608	.34592	.32653	.33326	.31684	.32199	.21832	.22495
1.051	6.472	-.01128	.24890	.34699	.33908	.31026	.32670	.30550	.31255	.21961	.22651
	GRADIENT	.02274	.02693	.00046	.00014	.00172	.00009	.00125	.00027	.00956	.01352

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.101	-1.920	-.26974	.08165	.43496	.39286	.38107	.38038	.36201	.36869	.21604	.20449
1.098	.082	-.16714	.13021	.42588	.39215	.38146	.38048	.36791	.36989	.24829	.23694
1.101	2.167	-.16589	.18423	.41889	.38468	.37514	.37859	.36464	.36925	.26196	.26364
1.100	4.279	-.12353	.23792	.39967	.37929	.37172	.37152	.35980	.36292	.26752	.27241
1.098	6.344	-.01847	.28867	.38905	.38202	.35436	.36878	.35007	.35584	.26415	.27291
	GRADIENT	.02117	.02528	-.00547	-.00234	-.00167	-.00138	-.00049	-.00088	.00809	.01111

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-1.979	-.25665	.09147	.42264	.40400	.38597	.39291	.37306	.38060	.21757	.19653
1.149	.012	-.21629	.13697	.44600	.40022	.38613	.38949	.36867	.37845	.24892	.24149
1.151	2.154	-.18449	.19152	.43352	.38809	.38492	.38514	.36656	.37467	.26573	.26711
1.149	4.267	-.12080	.24171	.41431	.38391	.38026	.37644	.36355	.36669	.26868	.27229
1.149	6.306	-.07772	.29368	.40028	.38644	.35858	.37334	.35214	.35751	.26260	.26990
	GRADIENT	.02105	.02421	-.00187	-.00347	-.00088	-.00258	-.00146	-.00219	.00811	.01205

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.201	-1.981	-.26826	.10300	.43389	.40558	.39727	.39817	.37862	.38531	.20538	.19229
1.199	.093	-.23748	.14407	.45799	.40032	.40130	.39272	.36965	.38147	.24284	.24921
1.198	2.179	-.18602	.19001	.44510	.38767	.39093	.38656	.36620	.37512	.25152	.26485
1.198	4.250	-.14483	.24264	.42078	.38488	.38293	.37687	.35707	.36663	.24635	.26740
1.199	6.371	-.10171	.29312	.40249	.38983	.35870	.37662	.34478	.35901	.23804	.26337
	GRADIENT	.02030	.02237	-.00251	-.00360	-.00257	-.00337	-.00328	-.00300	.00633	.01160

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (EVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.299	-1.929	-.24030	.09144	.45737	.36280	.43091	.37741	.40689	.37533	.22314	.21564
1.299	.039	-.19811	.13462	.50112	.33809	.44170	.36254	.40334	.36893	.23118	.22688
1.301	2.123	-.15392	.19464	.49687	.35137	.43965	.35818	.40605	.36658	.23534	.23452
1.300	4.246	-.10288	.25011	.46181	.35273	.42655	.35963	.39903	.36698	.23882	.24533
1.299	6.301	-.05950	.30383	.44901	.38143	.40594	.36575	.38295	.36496	.24037	.25699
	GRADIENT	.02216	.02603	.00029	-.00076	-.00078	-.00277	-.00102	-.00132	.00247	.00469

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.401	-2.028	-.17838	.10354	.46996	.36518	.42089	.38666	.40219	.34412	.22041	.25903
1.399	.076	-.13426	.14978	.53168	.35272	.47041	.36945	.40993	.37596	.22786	.25683
1.399	2.205	-.08845	.19229	.52045	.32073	.45977	.34923	.41627	.36307	.23422	.26367
1.398	4.281	-.04296	.24722	.46000	.28497	.42643	.32954	.39116	.35085	.24461	.27070
1.400	6.338	.00219	.30054	.44020	.23243	.39986	.29766	.37456	.33784	.24291	.27137
	GRADIENT	.02147	.02248	-.00192	-.01294	.00030	-.00910	-.00125	.00035	.00375	.00199

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.549	-2.124	-.11464	.11600	.39417	.40120	.38214	.38714	.35339	.32895	.23052	.29411
1.550	-.045	-.05598	.16388	.40948	.38453	.38288	.39241	.35054	.33453	.23073	.28999
1.549	2.045	-.01271	.22335	.40227	.36352	.37282	.37995	.33764	.34198	.23577	.28131
1.549	4.167	.03577	.24785	.40299	.33625	.37344	.35840	.33950	.33825	.22232	.26642
1.550	6.159	.07846	.29721	.39317	.31116	.36357	.34965	.33162	.34800	22546	.25700
	GRADIENT	.02358	.02169	.00091	-.01030	-.00172	-.00472	-.00260	.00168	-.00094	-.00438

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	8.038	.01701	.34987	.42774	.41717	.39017	.39743	.36025	.36124	.23440	.26038
1.300	11.908	.04855	.45038	.40453	.42067	.36573	.39339	.32294	.35973	.22697	.24709
1.299	15.903	.05811	.56432	.40708	.42188	.34836	.38908	.28519	.33979	.19873	.23728
1.299	17.967	.06515	.62680	.39236	.42374	.32955	.38462	.26017	.32074	.18701	.22966
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.319	7.955	.00358	.34745	.44320	.31890	.40193	.31078	.36983	.32358	.23466	.26136
1.319	11.997	.03900	.45526	.41646	.40724	.37736	.37783	.33273	.34405	.21360	.24676
1.320	16.006	.05064	.56877	.41440	.43371	.35777	.39448	.29478	.34367	.20578	.24747
1.320	18.010	.05863	.62949	.40509	.44033	.34011	.39716	.27204	.33160	.19235	.23892
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.340	7.977	-.00549	.35102	.45613	.20711	.41413	.25153	.38051	.29211	.24416	.26532
1.340	12.002	.02713	.45690	.43200	.36033	.39331	.32475	.34691	.29431	.21961	.24158
1.337	16.034	.04138	.57418	.42353	.42585	.36776	.39396	.30 7	.32680	.20165	.23425
1.335	18.010	.04997	.63141	.41366	.43733	.34821	.39826	.27998	.32116	.19956	.24155
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.360	7.980	-.02354	.34679	.45682	.20881	.41920	.26115	.38781	.30071	.23942	.26545
1.360	11.974	-.00388	.45932	.43852	.25871	.39960	.25503	.35401	.26663	.23081	.25367
1.360	16.056	.02824	.57488	.44436	.42889	.38633	.40031	.31641	.32691	.21333	.24252
1.361	17.986	.03881	.62856	.43451	.44265	.36660	.40907	.29637	.30901	.19572	.23247
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.378	7.985	-.03572	.34436	.44695	.20551	.41753	.26919	.39511	.30713	.24165	.26110
1.380	11.946	-.00282	.46069	.43657	.18375	.39994	.22352	.36029	.26276	.22873	.26484
1.381	16.045	.01314	.57282	.46278	.36927	.40177	.35135	.32952	.27075	.20961	.24518
1.381	17.961	.01835	.62702	.45108	.41541	.38409	.39681	.31030	.28746	.20303	.23759
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.400	7.991	-.04478	.33956	.39086	.21531	.36412	.28059	.33858	.31730	.26472	.24961
1.400	11.952	-.01467	.45717	.37627	.17137	.35545	.22665	.32092	.27165	.23454	.24892
1.401	16.014	.00039	.56590	.46733	.21904	.39310	.22335	.31521	.23289	.20863	.24224
1.399	17.971	.01113	.62537	.46179	.32925	.39667	.32670	.31398	.25568	.19517	.23400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.450	7.985	-.07387	.35167	.38321	.23402	.35256	.30231	.33542	.33663	.22178	.25525
1.449	11.857	-.06348	.45448	.36698	.18145	.34386	.25024	.31220	.29430	.19880	.25672
1.451	16.025	-.12111	.56547	.47129	.15115	.37120	.20174	.30722	.23962	.19317	.23668
1.451	18.092	-.11734	.62738	.47942	.18115	.41122	.20214	.31371	.21819	.18544	.23165
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.201	-1.766	.11013	-.17889	.06202	.09201	.04199	.07347	.04772	.06340	-.05667	-.03814
.201	2.228	.11051	-.08300	.10080	.10287	.06883	.08447	.07524	.08084	-.01418	-.00144
.201	6.192	.11030	.02144	.11083	.10005	.08220	.08294	.08293	.07572	.00500	.00713
.201	10.191	.11117	.13402	.08831	.07182	.06611	.05369	.06684	.05393	-.01254	.01032
.200	14.198	.11075	.24749	.03486	.03197	.02907	.02328	.02907	.01968	-.02879	-.00206
.201	18.204	.11088	.36469	-.02585	-.02367	-.01942	-.02514	-.02157	-.02789	-.06494	-.02943
	GRADIENT	.00010	.02401	.00971	.00272	.00672	.00276	.00689	.00437	.01064	.00919

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.9100 INCHES YMRP = .0000 IN. YO
BREF = 336.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = 1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.397	-1.964	.08138	-.16935	.08864	.10511	.05754	.08982	.06463	.07795	-.04038	-.03336
.399	2.089	.08177	-.06839	.11663	.12007	.08972	.10416	.09324	.09472	.00637	.01142
.400	6.076	.08096	.03847	.12672	.11849	.10181	.10378	.10105	.09514	.02603	.02564
.399	10.062	.08103	.14553	.10077	.08980	.08476	.07776	.08088	.06991	.00292	.02396
.399	14.055	.08145	.25987	.04782	.04430	.04664	.03767	.04430	.03494	-.01301	.01036
.398	18.049	.08187	.37288	-.02032	-.01166	-.00972	-.01522	-.01600	-.01985	-.05632	-.02151
	GRADIENT	.00010	.02491	.00691	.00369	.00794	.00354	.00706	.00414	.01153	.01105

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.599	-1.951	-.03835	-.17150	.10062	.12704	.06994	.10443	.07619	.09948	-.05520	-.03501
.600	2.115	-.03766	-.06331	.14685	.12852	.10962	.11517	.10758	.11212	.00207	.01617
.601	6.089	-.03856	.04142	.13392	.12407	.11570	.11059	.10938	.11115	.02102	.03371
.600	10.078	-.03858	.15515	.11278	.09995	.09549	.08775	.09085	.07802	.01942	.03270
.600	14.086	-.03596	.26960	.05807	.05615	.05633	.04719	.05237	.05096	.00007	.01473
.598	18.076	-.03387	.38738	.00257	.01941	.01489	.00430	-.00489	-.00952	-.04529	-.01654
	GRADIENT	.00017	.02661	.01137	.00036	.00976	.00264	.00772	.00311	.01409	.01259

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.699	-1.936	-.00705	-.16399	.13988	.14103	.09757	.12005	.09194	.11483	-.04768	-.02997
.702	2.061	-.00744	-.05444	.16246	.15086	.12516	.13055	.12342	.12698	.01345	.02467
.703	6.114	-.00823	.05411	.14900	.13658	.13566	.12364	.12596	.12487	.03247	.04564
.701	10.066	-.00679	.16841	.14680	.12035	.11036	.10682	.11148	.10163	.03292	.04240
.700	14.084	-.00735	.28562	.08796	.07912	.07818	.06280	.07077	.06426	.01318	.02554
.697	18.070	-.00510	.40343	.03291	.04438	.02958	.02529	.01021	.01300	-.03239	-.00530
	GRADIENT	-.00010	.02741	.00565	.00246	.00691	.00263	.00788	.00304	.01530	.01367

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.801	-1.983	.04709	-.14794	.17398	.16915	.12775	.14899	.12030	.14398	-.02674	-.02057
.800	1.919	.04480	-.03814	.18820	.17534	.14989	.15531	.14835	.15165	.03407	.04126
.800	5.912	.04296	.07136	.17970	.16349	.15914	.14900	.15351	.14767	.05411	.06236
.800	9.967	.04397	.19012	.17345	.15390	.13659	.13374	.13743	.12838	.05547	.06314
.800	13.967	.04379	.30855	.11461	.11883	.10311	.09978	.09668	.09111	.03777	.04961
.799	18.030	.04652	.43084	.05905	.07480	.05126	.05301	.03688	.03651	-.00710	.02027
	GRADIENT	-.00059	.02814	.00364	.00159	.00542	.00162	.00719	.00197	.01559	.01585

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.900	-1.953	.10581	-.10373	.23512	.22338	.18485	.20423	.17372	.19839	.01987	.02404
.900	1.965	.10638	.00779	.24205	.22604	.19918	.20709	.19660	.20205	.08082	.08891
.900	5.944	.07905	.11922	.23308	.21984	.20551	.20123	.19898	.19571	.10037	.10967
.900	9.984	.07976	.23647	.22169	.20358	.18253	.18331	.18259	.17508	.10186	.11066
.900	13.992	.10739	.35509	.16289	.17924	.14851	.15385	.14154	.13752	.08419	.09695
.900	17.996	.10267	.47594	.10493	.13908	.09463	.11153	.08195	.08604	.04151	.06988
	GRADIENT	.00015	.02847	.00177	.00068	.00366	.00073	.00584	.00094	.01556	.01656

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.950	-1.973	.05681	-.06606	.27864	.26208	.22855	.24338	.21273	.23729	.05889	.05940
.950	1.989	.03369	.04539	.28180	.26102	.23839	.24464	.23394	.23990	.11908	.12591
.950	6.006	.08435	.15659	.27523	.25479	.24243	.23693	.23392	.23104	.13713	.14485
.950	9.980	.02360	.26793	.25423	.23885	.21794	.21822	.21521	.20842	.13623	.14403
.950	14.007	.01365	.38540	.19714	.20960	.18043	.18694	.17201	.16884	.11703	.12905
.950	17.985	.00940	.50493	.13669	.17390	.12372	.14672	.11199	.11640	.07329	.10170
	GRADIENT	-.00583	.02813	.00080	-.00027	.00248	.00032	.00535	.00066	.01519	.01678

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.980	-2.021	-.00019	-.04193	.30596	.28580	.25462	.26803	.23756	.26113	.08274	.08148
.979	2.041	.03281	.06903	.30621	.28313	.26279	.26684	.25584	.26255	.14201	.14887
.980	6.025	.03086	.18009	.30082	.27719	.26360	.25930	.25375	.25250	.15847	.16665
.980	9.998	-.00454	.29005	.27552	.25950	.23785	.23917	.23437	.22828	.15627	.16388
.980	14.003	-.02239	.40572	.21791	.23022	.19965	.20713	.19061	.18674	.13657	.14717
.980	18.003	.00647	.52420	.15453	.19636	.14052	.16793	.12885	.13433	.09005	.11963
	GRADIENT	.00813	.02732	.00006	-.00066	.00201	-.00029	.00450	.00035	.01459	.01659

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.050	-1.995	-.02704	.03816	.37510	.35293	.32343	.33640	.30458	.32905	.14896	.14759
1.049	2.060	-.04828	.13770	.37174	.34284	.32734	.32985	.31875	.32467	.20585	.21204
1.049	6.072	-.02341	.24278	.34959	.33730	.32358	.31997	.31223	.31253	.21714	.22443
1.050	10.045	-.02190	.35164	.32957	.31899	.29257	.29920	.28872	.28590	.21034	.21820
1.050	14.074	-.00166	.46247	.27231	.29104	.25140	.26817	.23944	.24368	.18463	.19859
1.049	18.029	-.04686	.57565	.21055	.25840	.19091	.23002	.18069	.18689	.13982	.16672
	GRADIENT	-.00524	.02455	-.00083	-.00249	.00096	-.00162	.00349	-.00108	.01403	.01589

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.100	-2.011	-.01986	.08707	.42205	.40044	.36981	.38468	.35015	.37748	.20121	.20251
1.099	2.052	-.01635	.18618	.41566	.38739	.37100	.37641	.36052	.37103	.25329	.26305
1.100	6.005	-.02448	.28254	.39429	.37912	.36426	.36251	.35149	.35563	.26110	.27210
1.100	10.024	-.01078	.38943	.37037	.36093	.33191	.34113	.32590	.32769	.25050	.26294
1.100	14.083	.03931	.49695	.31386	.33427	.28841	.31128	.27664	.28632	.22492	.24184
1.100	18.075	.03235	.60839	.25461	.31360	.22553	.28245	.21890	.23488	.18429	.21449
	GRADIENT	.00086	.02439	-.00157	-.00321	.00029	-.00204	.00255	-.00159	.01282	.01490

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.148	-1.987	.03939	.09313	.44444	.41294	.38803	.39881	.36338	.39027	.20585	.20573
1.149	2.086	.03878	.19486	.42981	.39276	.38048	.38447	.36605	.37863	.25540	.27073
1.151	6.046	.05813	.28814	.40909	.38692	.36747	.36911	.35015	.35944	.26100	.27300
1.151	10.040	.06707	.39244	.37910	.36859	.33457	.34820	.32183	.33230	.24254	.25819
1.150	14.088	.06219	.50215	.32941	.35275	.29103	.32801	.27620	.29896	.22415	.24598
1.150	18.062	.05279	.61589	.28356	.33055	.23177	.30368	.21367	.25425	.19990	.23277
	GRADIENT	-.00015	.02498	-.00359	-.00495	-.00185	-.00352	.00065	.00286	.01217	.01596

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.200	-1.998	.05089	.10193	.46548	.41025	.40255	.39816	.37070	.38943	.20319	.19761
1.200	2.045	.06296	.18313	.44211	.38526	.38748	.38053	.36462	.37409	.23973	.26548
1.199	6.060	.06113	.28342	.41959	.38419	.37119	.36596	.34349	.35635	.23204	.26462
1.199	10.055	.07340	.38734	.39388	.37399	.34074	.35384	.31568	.33714	.23442	.25824
1.200	14.080	.06967	.49775	.34805	.36413	.29698	.33801	.25179	.30801	.23061	.25710
1.200	18.036	.04676	.61509	.31965	.35098	.26131	.32577	.19558	.27383	.18465	.20972
	GRADIENT	.00299	.02009	-.00578	-.00618	-.00372	-.00436	-.00150	-.00379	.00904	.01678

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	-1.999	.01468	.10950	.51282	.40653	.44320	.40915	.40002	.40617	.21409	.22742
1.300	2.014	.01629	.20747	.48826	.39451	.42979	.39567	.39766	.39734	.23328	.25010
1.300	5.952	.01788	.29803	.45461	.40167	.41580	.38815	.37951	.38617	.22903	.26052
1.300	9.980	.02622	.40397	.43919	.41445	.38039	.39012	.34361	.36739	.23320	.25948
1.300	14.018	.02552	.51354	.40699	.42013	.35529	.37508	.30415	.35196	.21480	.24506
1.300	18.041	.01397	.63228	.39361	.42576	.33036	.39245	.25694	.32417	.18352	.22930
	GRADIENT	.00049	.02942	-.00612	-.00300	-.00334	-.00336	-.00059	-.00220	.00478	.00565

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.550	-1.888	-.12793	.11442	.40495	.39924	.34145	.38341	.34580	.32587	.24012	.27896
1.550	2.047	-.12894	.20217	.41404	.35080	.36549	.36089	.33740	.32273	.24675	.27254
1.550	6.027	-.12802	.29296	.40093	.31016	.37031	.34635	.33880	.33996	.23865	.24329
1.549	10.107	-.12029	.39965	.39028	.24881	.36305	.31213	.34339	.34169	.23745	.24896
1.550	14.069	-.12162	.51257	.41278	.20322	.33310	.26656	.31000	.30149	.23036	.26042
1.549	18.098	-.13278	.63194	.46865	.15234	.39598	.20846	.29879	.24016	.22018	.24394
	GRADIENT	-.00026	.02230	.00231	-.01231	.00611	-.00572	-.00214	-.00080	.00168	-.00163

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.219	8.054	2.02335	.34652	.37647	.42816	.32739	.40888	.29884	.38697	.18887	.29443
1.219	11.957	2.18803	.44827	.35097	.40963	.30544	.39205	.25837	.36600	.20051	.29907
1.220	16.095	2.11806	.56326	.33564	.40740	.27074	.37536	.21115	.33391	.16341	.28067
1.218	18.084	2.07728	.62195	.30871	.39894	.24911	.37086	.18034	.30947	.13872	.25796
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.240	8.054	2.02446	.34903	.38606	.43161	.33615	.41206	.30597	.38942	.18846	.29831
1.240	11.968	2.04950	.44919	.36547	.40874	.32020	.39112	.27214	.36458	.21390	.29497
1.238	15.977	2.04826	.56037	.34939	.41003	.28384	.37908	.22583	.34004	.16551	.26705
1.239	18.079	2.06859	.62227	.32317	.40526	.26086	.37823	.19627	.31623	.14189	.25293
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.260	8.045	2.01750	.34998	.39348	.44175	.34763	.42278	.31913	.40136	.19216	.30363
1.259	11.981	2.04742	.45276	.37799	.42228	.33305	.40718	.28535	.38115	.20285	.29934
1.258	15.984	2.06836	.56332	.36509	.42376	.29546	.39424	.23745	.35554	.16379	.26817
1.258	18.096	2.03443	.62618	.33837	.41864	.27807	.39167	.20750	.32919	.14076	.25837
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.280	8.039	2.03566	.35071	.39270	.44963	.35379	.43098	.32716	.40880	.18640	.31237
1.280	11.999	2.06283	.45506	.38809	.42929	.34343	.41461	.29457	.38949	.19066	.30273
1.280	15.970	2.02933	.56463	.38192	.43395	.31086	.40582	.25194	.36710	.15871	.27644
1.279	18.105	2.03235	.62854	.35391	.43169	.29195	.40298	.22257	.34154	.13920	.26815
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	8.026	2.01617	.35324	.39161	.45397	.35476	.43553	.33070	.41329	.19194	.31937
1.300	11.917	2.16776	.45248	.39559	.43745	.35134	.42500	.29890	.40014	.17874	.30662
1.300	15.977	2.01801	.56531	.39277	.44375	.31995	.41607	.26066	.37627	.14808	.28254
1.301	18.072	2.03973	.62744	.37085	.44318	.30674	.41450	.23457	.35244	.13518	.27544
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.320	8.006	2.01764	.35810	.41588	.45657	.35971	.43577	.32706	.41464	.19045	.31153
1.321	12.016	2.04958	.46004	.40424	.43923	.36024	.42673	.30254	.39957	.16608	.29941
1.319	15.986	2.02529	.56763	.40383	.45397	.33034	.42178	.27149	.39159	.15167	.29110
1.321	18.067	1.99448	.62929	.38814	.45126	.32273	.42257	.24675	.35969	.14045	.28293
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.341	8.001	2.01912	.36357	.41515	.46653	.36031	.44288	.32026	.42231	.20106	.31332
1.340	12.007	2.03843	.46648	.41073	.44491	.36655	.43736	.29929	.41132	.17985	.30201
1.340	15.979	2.02636	.57303	.41546	.47214	.34167	.43543	.28226	.39111	.15413	.30082
1.340	18.099	1.98299	.63425	.40053	.46349	.33594	.43592	.25962	.37001	.14171	.29225
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (EVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.360	7.994	2.01203	.35758	.38358	.44112	.33333	.41932	.30508	.40487	.22097	.31374
1.360	11.935	2.00672	.46629	.41889	.42868	.37552	.44274	.30000	.41479	.17556	.30032
1.360	15.984	1.97916	.57390	.42095	.48980	.34843	.44644	.28793	.39653	.15900	.29531
1.360	18.040	2.01337	.63188	.41261	.47520	.34685	.44728	.26932	.37580	.14329	.28892
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.380	7.981	2.00908	.34323	.36477	.32676	.31893	.32317	.30287	.35042	.19284	.29707
1.379	11.967	1.96863	.46421	.42048	.38696	.37296	.42908	.29201	.40636	.17832	.30016
1.381	15.941	1.97776	.56995	.42560	.50078	.35591	.45276	.29668	.40228	.14849	.29728
1.381	18.045	1.95206	.63076	.42574	.48845	.35985	.46038	.28040	.38161	.14192	.29073
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.401	7.957	1.99119	.34652	.35208	.27413	.31093	.30238	.30187	.34531	.18531	.29312
1.400	11.908	2.07310	.45744	.38991	.36364	.30111	.39306	.26378	.36484	.19599	.29409
1.399	15.912	1.94836	.56525	.41365	.48596	.33986	.41843	.25849	.39309	.16019	.29701
1.401	18.020	1.94410	.62758	.42439	.49364	.35921	.46553	.26881	.36979	.14361	.29098
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.450	7.958	1.97132	.36392	.34531	.27913	.31718	.32550	.31443	.37050	.18632	.29285
1.450	11.985	1.88933	.46296	.36872	.25984	.27521	.27580	.26899	.31838	.15423	.30085
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.450	16.008	1.95034	.57389	.41051	.40466	.33236	.36051	.24186	.32966	.14516	.29159
1.449	17.954	1.92255	.63185	.42968	.48397	.36559	.43770	.26185	.34454	.13232	.28356
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.200	-1.724	.10896	-.18917	.07559	.09192	.05620	.07909	.04972	.06404	-.06071	-.04430
.202	.162	.10899	-.13540	.09499	.10473	.07441	.08852	.07013	.07364	-.04038	-.01707
.202	2.150	.10901	-.08075	.10839	.11244	.08924	.09908	.08425	.08634	-.03326	.00209
.200	4.102	.10890	-.04131	.10460	.10368	.08732	.09156	.08585	.07791	-.02763	.00251
.199	6.155	.10895	.01849	.10100	.10154	.08433	.08860	.08213	.07776	-.02199	.01704
.200	8.172	.10944	.07526	.10040	.09235	.08531	.08381	.07810	.07162	-.01871	.02072
.200	10.191	.10956	.13133	.08805	.07711	.07143	.06922	.06708	.05840	-.02381	.01512
.200	12.186	.11012	.18876	.06722	.05709	.05642	.05136	.04922	.04490	-.02770	.01181
.200	14.194	.11033	.24046	.03225	.03152	.02580	.02086	.02007	.02222	-.04366	-.00431
.199	16.200	.11056	.29683	-.00413	-.00260	-.00922	.00101	-.01212	-.00772	-.05945	-.02747
	GRADIENT	-.00000	.02559	.00514	.00219	.00554	.00245	.00628	.00278	.00545	.00818

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.250	-3.986	.04782	-.21211	.08340	.09199	.05893	.07764	.04815	.06465	-.06978	-.06052
.251	-2.079	.04761	-.16769	.10175	.10528	.08028	.09031	.07100	.07952	-.04336	-.03270
.251	-.007	.04722	-.12305	.11663	.11442	.09377	.09879	.08451	.08801	-.00895	-.00970
.252	1.932	.04728	-.07349	.12566	.11919	.10286	.10289	.09364	.09427	.00999	.00754
.253	3.917	.04702	-.02145	.12743	.11963	.10562	.10354	.09721	.09503	.01926	.01714
.254	5.951	.04749	.03332	.12726	.11668	.10549	.10272	.09781	.09423	.01931	.02210
.253	7.977	.04765	.09100	.12132	.10788	.10368	.09526	.09314	.08673	.01637	.02410
.252	10.002	.04759	.14541	.10710	.09213	.08859	.08151	.08008	.07647	.01389	.02535
.251	11.976	.04770	.20153	.08472	.06963	.06964	.06177	.06105	.05744	.00441	.02232
.252	13.990	.04751	.25687	.05525	.04455	.04312	.04099	.03671	.04098	-.00889	.01032
.253	16.030	.04821	.31410	.02118	.02119	.01553	.01906	.00703	.01625	-.02410	-.00857
	GRADIENT	-.00010	.02399	.00565	.00349	.00585	.00325	.00609	.00381	.01164	.00987

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.399	-1.885	.08248	-.17235	.10381	.11495	.08387	.10099	.07955	.08576	-.04186	-.02476
.399	.013	.08249	-.12601	.11537	.11983	.09436	.10594	.09083	.09118	-.01561	-.00284
.401	1.980	.08196	-.07404	.12257	.12313	.10246	.10933	.09856	.09502	.00283	.01168
.400	3.996	.08186	-.02411	.12525	.12232	.10622	.11001	.10268	.09683	.01003	.02242
.401	5.974	.08179	.03126	.12388	.11748	.10758	.10595	.10173	.09433	.00687	.03164
.400	8.006	.08143	.08758	.11834	.10765	.10197	.09646	.09649	.08441	.00515	.03119
.401	10.007	.08146	.14494	.10671	.09458	.09044	.08498	.08578	.07532	.00542	.03129
.400	12.047	.08106	.20268	.08142	.07044	.06896	.06349	.06273	.05533	-.00721	.02152
.399	14.037	.08164	.25770	.05388	.04528	.04608	.04217	.04023	.03556	-.01664	.01021
.399	16.028	.08161	.31564	.02115	.02002	.01687	.01922	.01143	.01183	-.02867	-.00576
	GRADIENT	-.00012	.02533	.00363	.00129	.00382	.00155	.00392	.00192	.00885	.00794

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.600	-1.874	-.04319	-.16801	.11241	.12251	.09259	.11074	.08825	.10506	-.04439	-.03432
.600	.028	-.04294	-.11788	.12385	.12775	.10470	.11442	.10035	.11063	-.01811	-.00714
.601	2.030	-.04326	-.06405	.13300	.13068	.11424	.11655	.10990	.11190	.00037	.01718
.601	4.126	-.04440	-.00689	.13623	.12961	.11710	.11666	.11293	.10377	.01289	.03042
.602	6.079	-.04259	.04773	.13314	.12348	.11528	.11141	.10992	.09942	.01705	.03556
.602	8.055	-.04281	.10442	.12845	.11384	.11179	.10246	.10524	.09081	.01979	.03572
.601	10.054	-.04134	.16206	.11399	.09954	.09883	.08863	.09124	.07746	.01807	.03284
.601	12.077	-.04001	.21895	.11340	.07943	.08074	.07057	.07076	.06044	.01224	.02596
.600	14.076	-.03673	.27571	.08642	.05811	.06368	.05160	.05213	.05401	.00053	.01547
.600	16.039	-.03301	.33338	.04527	.04403	.03752	.03063	.02701	.01738	-.01791	-.00177
	GRADIENT	-.00020	.02686	.00401	.00120	.00413	.00098	.00416	-.00016	.00948	.01089

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.700	-2.035	-.00730	-.17385	.13284	.14046	.11092	.12356	.10368	.11262	-.05289	-.03623
.699	.139	-.01408	-.11325	.15015	.14751	.12127	.13081	.12039	.12005	-.01225	-.00015
.700	2.072	-.00653	-.05977	.16356	.15005	.13613	.13478	.12301	.12666	.01122	.02386
.701	4.008	.00230	-.00537	.15257	.14418	.13385	.13099	.12789	.12659	.01921	.03733
.701	6.043	-.00304	.05369	.14929	.13760	.12890	.12590	.12348	.12328	.02523	.04601
.701	8.045	-.00475	.11210	.14308	.13333	.12490	.12094	.11701	.10487	.02730	.04477
.701	10.045	.01324	.16985	.14425	.11617	.11251	.10447	.10128	.09076	.02758	.04392
.699	12.024	.00462	.22799	.12908	.09922	.09620	.09350	.08988	.08481	.02195	.03700
.699	14.070	.01986	.28734	.10521	.07706	.07965	.06663	.06451	.06442	.01231	.02720
.698	16.050	.03820	.34585	.08225	.07012	.05777	.05345	.03799	.03329	-.00788	.01213
	GRADIENT	.00176	.02786	.00369	.00072	.00419	.00134	.00379	.00243	.01204	.01225

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.800	-3.954	.04038	-.21232	.16419	.15957	.13451	.14138	.11880	.13058	-.07965	-.05856
.800	-1.973	.04221	-.15648	.17546	.16759	.14995	.14966	.13310	.14012	-.03219	-.02264
.800	-.059	.04052	-.10139	.18807	.17230	.15821	.15467	.14805	.14546	.01078	.01471
.800	1.946	.03434	-.04399	.19055	.17581	.16623	.15770	.15513	.14940	.03210	.04244
.800	3.976	.03163	.01439	.19681	.16656	.16881	.15647	.15762	.14818	.04578	.05600
.799	6.001	.03136	.07408	.17888	.16161	.16861	.14918	.15427	.14564	.05287	.06496
.800	7.989	.03248	.13409	.18444	.16394	.15530	.14737	.14747	.13215	.05467	.06559
.800	9.976	.03421	.19345	.17907	.15255	.14749	.13515	.13293	.12654	.05574	.06492
.800	12.010	.03508	.25314	.16014	.12808	.13564	.11761	.11030	.10753	.04901	.05934
.800	14.004	.03785	.30737	.13837	.11721	.11179	.09700	.09154	.08891	.03777	.05065
.800	15.992	.04120	.36683	.12574	.10247	.09021	.08153	.06308	.05898	.02063	.03571
	GRADIENT	-.00129	.02861	.00405	.00111	.00428	.00192	.00503	.00224	.01590	.01485

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.850	-4.019	.09121	-.19364	.19138	.18662	.15653	.16725	.14462	.15855	-.05738	-.04302
.849	-2.012	.03418	-.13621	.20127	.19327	.17337	.17484	.15713	.16687	-.00899	-.00621
.850	-.045	.09397	-.07930	.21297	.19664	.18255	.17852	.17365	.17086	.03521	.03403
.850	1.982	.03182	-.02137	.21368	.19733	.18810	.17942	.17842	.17272	.05413	.06172
.850	3.930	.03660	.03391	.21860	.18807	.19039	.17925	.17945	.17181	.06732	.07555
.850	5.964	.09852	.09225	.19944	.18485	.18868	.17138	.17514	.16826	.07371	.08249
.850	7.991	.10075	.15068	.20572	.18541	.17413	.16847	.16683	.16104	.07536	.08458
.850	9.991	.10357	.20954	.19920	.17513	.16817	.15594	.14966	.14756	.07617	.08367
.850	12.013	.04696	.27556	.18058	.15181	.15541	.13952	.12820	.12849	.06741	.07780
.849	14.018	.05126	.32838	.15950	.14483	.13181	.12150	.11015	.10992	.05778	.06947
.850	16.010	.05727	.38944	.14862	.12800	.11096	.10462	.08192	.07752	.04159	.05556
	GRADIENT	-.00564	.02865	.00336	.00035	.00415	.00144	.00457	.00163	.01572	.01534

0A232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.899	-1.933	.13339	-.10357	.23408	.22496	.20652	.20963	.18957	.19928	.01681	.02332
.900	-.054	.09408	-.04948	.24033	.22658	.21315	.21094	.19890	.20159	.06022	.06087
.900	1.933	.12022	.00752	.24396	.22838	.21705	.21222	.21022	.20377	.08074	.08957
.900	3.933	.07374	.06221	.24556	.22620	.21810	.21097	.21057	.20123	.09407	.10289
.900	5.933	.08423	.11867	.24412	.22207	.21687	.20684	.20584	.19710	.10047	.11011
.899	7.938	.11119	.17636	.23621	.21425	.20812	.19918	.19717	.18783	.10270	.11195
.900	9.976	.08633	.23609	.22675	.20393	.19758	.18737	.18304	.17392	.10031	.11014
.900	11.997	.06858	.29552	.21165	.18777	.18220	.17290	.16476	.15685	.09427	.10481
.900	14.015	.12082	.35546	.19146	.17604	.16162	.15676	.14139	.13831	.08405	.09667
.900	15.994	.10687	.41524	.17504	.15533	.13722	.13559	.11075	.11431	.06788	.08442
.900	18.001	.11208	.47594	.15507	.13872	.11275	.11586	.07608	.08527	.04859	.07213
	GRADIENT	-.00778	.02830	.00195	.00028	.00196	.00027	.00378	.00040	.01283	.01361

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.950	-3.991	.02209	-.12052	.26753	.26138	.23799	.24338	.22074	.23345	.01317	.02202
.950	-2.011	.06000	-.06734	.27384	.26413	.24775	.24670	.22954	.23811	.06051	.06247
.950	.026	.02621	-.01018	.28112	.26487	.25380	.24822	.24329	.24031	.10353	.10014
.951	1.927	.02801	.04326	.28017	.26450	.25650	.24747	.24600	.24061	.12151	.12660
.950	3.960	.03426	.10085	.28098	.25358	.25616	.24510	.24527	.23739	.13220	.13990
.950	5.989	.03247	.15708	.27240	.25654	.25402	.23863	.23967	.23179	.14007	.14518
.950	7.985	.08217	.21168	.26120	.24889	.24107	.23212	.22969	.22249	.13818	.14618
.949	9.968	.08615	.26914	.26112	.23899	.22702	.22047	.21553	.20912	.13650	.14498
.950	12.032	.07405	.32884	.24615	.22433	.22113	.20494	.19559	.18998	.13075	.13797
.950	14.000	.01458	.38680	.22707	.21305	.19713	.18950	.16955	.16965	.11885	.12906
.950	15.959	.03634	.44573	.21567	.19609	.17651	.17022	.14026	.13943	.10229	.11469
.950	18.010	.01165	.50696	.19174	.17568	.15333	.14721	.10459	.11703	.08389	.10231
	GRADIENT	-.00039	.02789	.00168	-.00077	.00227	.00021	.00331	.00052	.01508	.01512

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.978	-1.951	.03949	-.04108	.29741	.28800	.27093	.27280	.25206	.26234	.08000	.08475
.979	.004	.02178	.01447	.30195	.28852	.27629	.27424	.26058	.26415	.12394	.12314
.980	1.929	.04838	.06765	.30376	.28746	.27824	.27349	.27019	.26435	.14311	.14989
.980	3.952	.02860	.12123	.30460	.28415	.27884	.26983	.26848	.25968	.15463	.16187
.980	5.970	.02823	.17637	.29613	.27903	.27641	.26404	.26287	.25333	.15853	.16699
.979	7.957	.02060	.23300	.29471	.27034	.26722	.25587	.25265	.24291	.16024	.16797
.977	9.994	.00535	.28953	.28236	.25844	.25314	.24151	.23575	.22638	.15520	.16295
.980	12.005	.06057	.34871	.26822	.24791	.23831	.22942	.21538	.21069	.14737	.15835
.977	13.977	-.01122	.40469	.25009	.22759	.21871	.20769	.19205	.18598	.13596	.14628
.978	16.022	.03146	.46452	.23615	.21041	.19374	.18843	.15804	.16112	.11590	.13319
.978	18.021	-.00828	.52517	.21493	.19249	.17399	.16806	.12626	.13009	.10164	.11839
	GRADIENT	-.00034	.02750	.00119	-.00065	.00130	-.00050	.00298	-.00040	.01235	.01312

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.050	-4.011	-.04137	-.02347	.35981	.35462	.33224	.33653	.31489	.32661	.10156	.10656
1.050	-2.006	-.03995	.03844	.36374	.35490	.34051	.33769	.32168	.32926	.15214	.14920
1.050	-.055	-.05610	.08420	.36890	.35167	.34330	.33564	.33186	.32751	.19278	.18553
1.050	1.946	-.05909	.13670	.36569	.34668	.34393	.33252	.33210	.32606	.20883	.21186
1.050	3.967	-.03072	.18796	.36709	.33744	.34248	.32880	.32877	.32097	.21826	.22239
1.050	5.950	-.02846	.24051	.35083	.33856	.33798	.32176	.32153	.31424	.22005	.22506
1.050	8.010	-.04364	.29714	.33857	.32995	.32088	.31262	.30854	.30185	.21402	.22318
1.050	9.991	-.02923	.35289	.33733	.31933	.30750	.29964	.29280	.28692	.21300	.21840
1.050	11.987	-.05063	.40565	.32705	.30077	.30284	.28471	.26909	.26590	.20358	.20927
1.050	14.029	-.04983	.46267	.30756	.29041	.27739	.26657	.24171	.24319	.18892	.19696
1.049	15.995	-.05507	.51809	.29896	.28021	.25713	.25319	.21293	.21189	.16681	.18055
1.050	17.990	-.04488	.57492	.28037	.26127	.23959	.23200	.17908	.18930	.15115	.16674
	GRADIENT	.00013	.02618	.00083	-.00214	.00120	-.00104	.00191	-.00073	.01455	.01477

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.101	-1.969	.03297	.08164	.40090	.40368	.38188	.39025	.37548	.37868	.20612	.20417
1.099	.055	-.02458	.12988	.41010	.39807	.38488	.38620	.37271	.37515	.23751	.24058
1.099	2.012	-.02394	.17835	.40862	.39213	.38689	.38285	.37331	.37298	.25566	.26391
1.101	4.037	.03866	.22833	.40466	.38973	.38269	.37600	.37038	.36539	.26510	.27163
1.098	6.006	-.02105	.28072	.39463	.38216	.37441	.36867	.36207	.35697	.26280	.27269
1.101	8.047	.03941	.33301	.38188	.37210	.36353	.35679	.34825	.34206	.25853	.26977
1.098	10.017	-.03499	.38745	.36459	.36075	.34929	.34450	.32866	.32591	.25227	.26334
1.102	12.052	.02985	.44018	.36628	.34522	.33281	.32898	.30457	.30542	.24201	.25324
1.099	14.010	-.01494	.49414	.34765	.33141	.31697	.31127	.28530	.28456	.22577	.24096
1.100	16.025	.03519	.54924	.33264	.32407	.29681	.30017	.25406	.25965	.20702	.22340
1.100	18.045	.03500	.60573	.31549	.30641	.27799	.28260	.22278	.23309	.19329	.21322
	GRADIENT	.00089	.02446	.00049	-.00239	.00022	-.00231	-.00074	-.00211	.00977	.01130

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-3.934	.03267	.06265	.42319	.42344	.40180	.40728	.38034	.39641	.16041	.15727
1.150	-1.988	.03226	.09587	.42195	.41812	.39953	.40257	.38102	.39285	.21209	.20930
1.148	.000	.03353	.14780	.41893	.40953	.39738	.39548	.38522	.38670	.24914	.24550
1.150	1.998	.03197	.19554	.41434	.39727	.39376	.38787	.38149	.38064	.26264	.27087
1.150	4.013	.05268	.24208	.41032	.38805	.38826	.38008	.37429	.37141	.26584	.27497
1.150	6.026	.03196	.28971	.40184	.38845	.39277	.37142	.36417	.36147	.26382	.27303
1.149	8.010	.03001	.34089	.39049	.37976	.36691	.36248	.35078	.34866	.25611	.26790
1.149	10.080	.02214	.39574	.38481	.36983	.35477	.35017	.33412	.33380	.24724	.25909
1.150	12.022	.02363	.44768	.37588	.35956	.35105	.34043	.31674	.31727	.23519	.24921
1.146	14.094	.04003	.50372	.35979	.34991	.33013	.32728	.28978	.29903	.22710	.24513
1.147	16.036	.03201	.55942	.35445	.34777	.31650	.31970	.26881	.27685	.21730	.23882
1.149	18.044	.03111	.61742	.34640	.33454	.30697	.30561	.24547	.25426	.21156	.23255
	GRADIENT	.00201	.02307	-.00168	-.00461	-.00165	-.00348	-.00059	-.00313	.01312	.01491

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.199	-1.874	.06219	.11345	.42578	.41999	.40485	.40960	.39810	.39640	.23209	.20084
1.200	.013	.05093	.14914	.42405	.40979	.40355	.40041	.38814	.38862	.24946	.25085
1.199	2.024	.06468	.19029	.41839	.40114	.39704	.39146	.38605	.37974	.25607	.26646
1.198	4.065	.06276	.24190	.41541	.39553	.39206	.38422	.37816	.36995	.25456	.26885
1.200	5.985	.05268	.20656	.41090	.38951	.38657	.37494	.36861	.35996	.24855	.26518
1.198	8.062	.06082	.33851	.41011	.38470	.37842	.36782	.35807	.34935	.24263	.25949
1.199	10.072	.06415	.39367	.39864	.37784	.37054	.36056	.34699	.33800	.24571	.25878
1.198	12.020	.07192	.44739	.38699	.37262	.36049	.35332	.33004	.32557	.24420	.25865
1.201	13.911	.05199	.50039	.37801	.36593	.34765	.34593	.31156	.31155	.24224	.25721
1.199	16.059	.06624	.56160	.37053	.35727	.33639	.33794	.29369	.29586	.23155	.24363
1.200	18.069	.06521	.62068	.35870	.35254	.32527	.32756	.27353	.27779	.19851	.21442
	GRADIENT	.00081	.02153	-.00186	-.00413	-.00227	-.00429	-.00311	-.00445	.00369	.01097

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.301	-2.099	.02084	.10880	.39843	.41486	.39581	.41832	.39054	.40891	.20343	.22396
1.299	-.054	.02245	.15223	.39415	.40124	.39125	.40868	.38522	.40377	.21907	.24362
1.300	1.992	.01930	.20884	.39831	.40700	.39045	.40634	.38939	.40029	.22199	.24928
1.301	3.918	.02128	.24945	.40910	.40843	.39219	.40415	.38702	.39506	.23284	.25649
1.299	6.013	.02304	.29868	.39820	.39917	.39444	.40022	.38126	.38760	.23415	.25889
1.300	7.959	.02137	.35187	.42713	.42119	.37897	.39903	.37153	.37529	.24075	.25983
1.301	9.958	.02969	.40321	.41854	.41709	.38762	.39416	.36216	.36641	.23942	.25803
1.299	12.010	.03138	.45892	.42885	.42347	.38958	.39299	.35895	.36025	.23320	.24667
1.299	14.013	.03011	.51474	.41833	.41526	.38613	.38993	.34870	.34696	.22152	.24315
1.300	15.979	.02479	.57277	.41977	.40592	.37799	.38103	.33627	.33634	.21072	.23640
1.298	18.014	.02671	.63444	.42388	.41050	.38031	.37790	.32324	.32418	.20511	.22848
	GRADIENT	-.00009	.02382	.00178	-.00069	-.00059	-.00224	-.00032	-.00224	.00453	.00515

0A232 AEDC 16T TF431 LA .2P/S RA .2A (EVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.401	-1.978	-.03899	.11019	.39748	.39159	.38616	.40955	.37620	.41142	.23493	.25398
1.401	.046	-.04466	.15565	.37962	.37309	.39254	.39116	.39387	.40061	.22659	.25048
1.399	1.976	-.04320	.18930	.35781	.33732	.37022	.36477	.39229	.38641	.24042	.25096
1.398	3.877	-.04274	.23778	.32954	.30388	.34536	.33943	.37107	.36728	.25079	.25370
1.400	5.875	-.04540	.28525	.27514	.26373	.32160	.31572	.35066	.34891	.26323	.25983
1.399	7.959	-.04244	.34328	.24029	.21514	.28376	.28183	.32703	.32175	.26134	.24842
1.401	9.928	-.04313	.40653	.21872	.18957	.25725	.25267	.29935	.29532	.25316	.24646
1.399	11.970	-.03625	.46712	.18975	.16516	.22654	.22717	.27225	.27093	.23721	.24459
1.400	13.987	-.03894	.51592	.22666	.20017	.20812	.20628	.24273	.24258	.22779	.24894
1.401	15.964	-.04001	.57081	.27185	.30991	.22649	.27024	.22062	.23275	.21389	.24237
1.398	17.979	-.03897	.63172	.30708	.36361	.26083	.34549	.23676	.27688	.19588	.23186
	GRADIENT	-.00051	.02135	-.01155	-.01530	-.00737	-.01213	-.00081	-.00750	.00312	-.00003

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.550	-3.908	-.12939	.07439	.43243	.41567	.35246	.33088	.34118	.32664	.23575	.27076
1.550	-1.938	-.13664	.11259	.42588	.40115	.38754	.37364	.34389	.32402	.25232	.27443
1.549	.101	-.13415	.17019	.40642	.37526	.40973	.37797	.34093	.32233	.25814	.27507
1.549	2.006	-.13436	.20069	.38509	.35399	.39601	.35964	.34365	.32054	.25369	.26700
1.551	4.041	-.13181	.24460	.35850	.33861	.38115	.35322	.36395	.32848	.23872	.25297
1.550	6.042	-.13033	.29459	.33104	.31780	.35848	.34880	.36621	.33766	.23852	.24041
1.550	8.071	-.12786	.34940	.30982	.29033	.34535	.33734	.35636	.33572	.25569	.24901
1.550	10.068	-.12125	.39989	.28340	.26166	.32943	.31996	.35098	.33956	.24281	.24598
1.550	12.078	-.11810	.45554	.24764	.23280	.30030	.29673	.32563	.32437	.23485	.25004
1.549	14.111	-.12056	.51479	.22983	.20726	.26947	.27191	.30075	.30343	.23330	.25698
1.550	16.076	-.12176	.56904	.21263	.16970	.23970	.24297	.26948	.27938	.23302	.24823
	GRADIENT	-.00013	.02161	-.00951	-.01014	.00333	.00156	.00229	.00001	.00037	-.00217

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.199	-1.834	1.95535	-.18994	.03455	.13352	.01282	.12351	.00269	.10975	-.10659	-.00676
.201	.185	2.04675	-.12558	.05266	.15365	.02912	.14166	.02414	.12812	-.07206	.02627
.201	2.159	2.06043	-.08477	.05476	.15253	.03257	.14121	.02828	.12619	-.06541	.03544
.200	4.155	2.01016	-.02659	.06589	.16024	.04652	.14819	.04222	.13314	-.05521	.05227
.200	6.093	1.97849	.02359	.05884	.15207	.04013	.13998	.03581	.12704	-.05907	.05741
.200	7.827	1.79194	.06885	.05372	.14508	.03424	.13511	.03351	.12068	-.05660	.05806
.200	9.847	1.70553	.12630	.04249	.12538	.02442	.11682	.02442	.10237	-.05862	.05189
.200	11.799	1.82293	.18577	.03195	.10474	.01678	.09616	.01101	.08605	-.06116	.04785
.200	13.699	1.80752	.23379	.00044	.07477	-.00388	.07048	-.00675	.05893	-.07606	.03297
.199	15.718	1.83309	.29272	-.03577	.04616	-.03792	.04618	-.03354	.03387	-.09078	.01428
	GRADIENT	.00897	.02663	.00483	.00397	.00525	.00370	.00616	.00343	.00807	.00935

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.252	-2.013	1.92393	-.16359	.05877	.14966	.03389	.13624	.02323	.12900	-.06344	.00474
.252	.002	2.04735	-.11671	.06800	.16386	.04312	.14904	.03460	.14106	-.04497	.03175
.252	1.995	2.07041	-.07019	.07289	.16917	.05092	.15297	.04171	.14502	-.02983	.04951
.252	3.987	2.07997	-.01732	.07586	.16825	.05592	.15554	.04526	.14685	-.02657	.05879
.251	6.020	2.10500	.03952	.07470	.16794	.05101	.15440	.04383	.14563	-.02649	.06395
.250	7.934	2.00625	.08975	.06824	.16291	.04885	.14937	.04168	.14061	-.02793	.06754
.250	9.843	1.69448	.14829	.05609	.14467	.04095	.13322	.03086	.12228	-.02606	.06403
.251	11.909	1.88358	.19937	.03451	.12123	.01946	.10983	.01587	.10112	-.02427	.06178
.251	13.898	1.92431	.25585	.00812	.09380	-.00187	.08527	-.00545	.07735	-.04541	.04813
.252	15.921	1.93182	.31232	-.02156	.05945	-.02438	.05449	-.02795	.04808	-.05989	.02464
	GRADIENT	.02461	.02427	.00281	.00306	.00370	.00310	.00366	.00288	.00629	.00900

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.400	-1.936	2.04605	-.17536	.05617	.15697	.03448	.14626	.02519	.13619	-.07928	.01239
.401	.022	2.05671	-.12492	.06677	.16697	.04473	.15652	.03854	.14277	-.05183	.03546
.401	2.016	2.04142	-.07540	.06755	.17003	.05247	.15782	.04744	.14545	-.03828	.05017
.401	4.002	2.04299	-.02130	.07520	.17138	.05511	.15880	.05201	.14606	-.03477	.06130
.402	5.965	2.05162	.03375	.07386	.16917	.05726	.15737	.05263	.14426	-.03329	.07348
.400	7.900	1.94379	.08422	.06795	.16149	.05321	.15077	.04855	.13682	-.03435	.07262
.399	9.957	1.83495	.14001	.05591	.14252	.04189	.13252	.03877	.11811	-.03284	.06839
.399	11.830	1.83907	.19790	.04209	.12372	.03118	.11446	.02806	.10239	-.03462	.06353
.398	13.838	1.85170	.25391	.01740	.09495	.01309	.08991	.00958	.07737	-.04608	.05193
.398	15.862	1.87664	.31052	-.01900	.06227	-.02016	.05955	-.02170	.04738	-.06291	.02736
	GRADIENT	-.00124	.02584	.00292	.00234	.00351	.00201	.00451	.00163	.00742	.00815

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.600	-1.926	1.95809	-.17033	.06320	.17036	.04166	.16224	.03442	.15879	-.08451	-.00039
.600	.080	1.95860	-.11752	.07371	.17726	.05336	.16485	.04732	.16397	-.05684	.03614
.601	2.085	1.96682	-.06396	.08118	.18162	.06087	.16871	.05656	.15667	-.03968	.05642
.601	4.085	1.97066	-.00972	.08277	.17921	.06302	.16787	.05906	.15518	-.02908	.06923
.601	7.998	1.95717	.09859	.07560	.17128	.05807	.15359	.05462	.14585	-.02106	.07906
.601	10.061	1.89968	.15770	.06502	.15401	.04936	.14142	.04505	.12715	-.02010	.07433
.601	11.884	1.93373	.21161	.06814	.13381	.04593	.12360	.02958	.11018	-.02475	.06729
.601	13.886	1.98200	.26902	.04369	.10718	.02029	.09746	.01600	.09522	-.03643	.05506
.600	15.897	2.01520	.32875	.00995	.08549	-.00159	.07298	-.01191	.05628	-.05565	.03616
.598	17.853	2.00446	.38587	-.00100	.06037	-.02296	.05021	-.04438	.02912	-.07238	.01648
	GRADIENT	.00229	.02672	.00330	.00154	.00357	.00104	.00415	-.00090	.00916	.01144

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.698	-1.959	2.00075	-.16862	.07961	.19244	.05623	.17742	.04876	.17147	-.08398	.00853
.700	.082	1.98223	-.11187	.10788	.20039	.07364	.18533	.06207	.17831	-.04835	.04328
.700	2.041	2.00788	-.05815	.11474	.19639	.08499	.18377	.06982	.18320	-.02894	.06712
.701	4.095	1.99505	-.00069	.10280	.19531	.08466	.18287	.07818	.18121	-.01822	.08003
.701	6.090	2.02958	.05628	.09341	.19183	.07470	.17950	.07206	.17784	-.01678	.08862
.702	7.969	1.97410	.10927	.08777	.18832	.07185	.17615	.06634	.16149	-.01203	.09218
.702	10.040	1.87970	.17052	.07881	.17132	.06250	.15806	.05591	.14218	-.01019	.08732
.700	11.880	1.90655	.22558	.08214	.15456	.05789	.14519	.03860	.13239	-.01768	.07927
.700	13.862	1.93882	.28357	.05994	.12629	.03461	.11540	.02691	.10962	-.02615	.06793
.700	15.860	1.95279	.34444	.04658	.11443	.01825	.09571	.00012	.07181	-.04343	.04988
.700	17.910	1.97817	.40458	.01631	.08767	-.01234	.07205	-.03760	.05182	-.06201	.03284
	GRADIENT	.00039	.02771	.00379	.00023	.00480	.00074	.00477	.00169	.01077	.01184

0A232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.800	-3.939	2.03094	-.20918	.11995	.21193	.08532	.19541	.06578	.19054	-.10336	-.01502
.800	-2.045	2.07342	-.15616	.12806	.22106	.09748	.20414	.07857	.19971	-.06842	.02526
.800	.000	2.05554	-.09806	.13744	.22593	.10785	.20917	.09641	.20346	-.02592	.06155
.799	1.978	2.05768	-.04179	.14004	.23018	.11311	.21144	.10247	.20573	-.00692	.08685
.800	3.989	2.08144	.01704	.14609	.22119	.11463	.20964	.10364	.20439	.00545	.10031
.800	6.006	2.10920	.07503	.12081	.21839	.11185	.20546	.09914	.20323	.00953	.10972
.800	7.947	2.06394	.13086	.13981	.22497	.09788	.20751	.09235	.18990	.01207	.11498
.800	10.017	1.85387	.19188	.12589	.20886	.10281	.19083	.08293	.18042	.01626	.10947
.800	11.941	1.88748	.24769	.10869	.19034	.08448	.17312	.06264	.16066	.00933	.10409
.800	13.904	1.91571	.30361	.08985	.16460	.06356	.14817	.04854	.13759	-.00224	.09415
.800	15.895	1.91011	.36363	.07756	.15126	.04551	.12811	.02088	.09990	-.01808	.07631
.798	17.981	1.94270	.42743	.04831	.12497	.01669	.10075	-.01447	.07939	-.03735	.06192
.798	18.963	1.95260	.45722	.03087	.10887	-.00148	.08539	-.03432	.06028	-.05017	.04862
	GRADIENT	.00425	.02852	.00323	.00138	.00373	.00179	.00501	.00169	.01403	.01468

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.849	-3.974	2.05947	-.19300	.14251	.23604	.10947	.21927	.09007	.21497	-.08789	.00203
.850	-2.002	2.09662	-.13611	.15279	.24360	.12324	.22644	.10411	.22206	-.04702	.04393
.851	-.034	2.11406	-.07881	.15964	.24819	.13121	.23131	.12035	.22605	-.00515	.07958
.851	1.965	2.12168	-.02138	.16116	.25071	.13497	.23335	.12489	.22768	.01345	.10589
.850	3.993	2.08435	.03630	.16176	.24094	.13504	.23193	.12461	.22506	.02518	.11839
.850	5.964	2.14451	.09583	.15126	.23890	.13245	.22623	.11986	.22378	.02981	.12703
.849	7.944	2.06393	.15061	.15923	.24816	.11803	.22997	.11223	.21760	.03188	.13237
.849	10.033	1.84843	.21299	.14604	.23120	.12256	.21192	.10510	.20141	.03512	.12782
.850	11.921	1.83561	.26983	.13021	.21372	.10502	.19389	.08896	.18061	.02863	.12268
.850	13.923	1.91607	.32548	.11198	.19140	.08428	.17240	.06625	.15837	.01686	.11330
.850	15.908	1.90609	.38705	.10084	.17671	.06720	.15164	.03912	.12102	.00151	.09632
.849	17.942	1.92925	.44800	.07400	.15133	.03987	.12443	.00457	.10153	-.01539	.08233
	GRADIENT	.00372	.02881	.00235	.00084	.00315	.00162	.00450	.00129	.01438	.01479

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.900	-3.941	2.05678	-.16296	.17702	.26795	.14649	.25117	.12571	.24608	-.05892	.03267
.900	-2.084	2.07112	-.10923	.18449	.27361	.15612	.25746	.13648	.25267	-.02008	.06932
.900	-.046	2.11651	-.05057	.18921	.27739	.16182	.26082	.15100	.25551	.02201	.10655
.900	1.976	2.08994	.00699	.19035	.27747	.16480	.26081	.15449	.25581	.04261	.13312
.900	3.982	2.10629	.06527	.19111	.26775	.16524	.25941	.15441	.25196	.05451	.14532
.899	5.913	2.16409	.12103	.18349	.26690	.15978	.25373	.14657	.25014	.05746	.15305
.900	7.882	2.02661	.17901	.18928	.27440	.14977	.25751	.14158	.24753	.06053	.15862
.900	10.011	1.84314	.24071	.17586	.26016	.15204	.24085	.13330	.22928	.06332	.15529
.900	11.896	1.82934	.29547	.16025	.24469	.13481	.22374	.11657	.20854	.05623	.14994
.900	13.993	1.90688	.35417	.14197	.22625	.11240	.20368	.09183	.18558	.04321	.14089
.900	15.923	1.87786	.41224	.13027	.20752	.09592	.18197	.06426	.15081	.02841	.12391
900	17.912	1.87469	.47303	.10781	.18475	.07205	.15715	.03227	.12999	.01166	.11109
	GRADIENT	.00589	.02877	.00170	.00016	.00231	.00099	.00378	.00074	.01451	.01450

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.950	-4.053	2.03607	-.12284	.21960	.30961	.18980	.29300	.16860	.28819	-.02124	.07004
.949	-1.984	2.10660	-.06744	.22448	.31396	.19672	.29692	.17643	.29287	.02047	.10924
.949	-.008	2.07007	-.01224	.22889	.31478	.20256	.29840	.19103	.29357	.06302	.14360
.951	2.023	2.04860	.04489	.22877	.31433	.20436	.29801	.19288	.29310	.08228	.16997
.950	3.944	2.10564	.09969	.22738	.30449	.20248	.29528	.19148	.28903	.09259	.18184
.950	6.031	2.08938	.15821	.22240	.30418	.19730	.29006	.18398	.28602	.09685	.18877
.950	7.948	1.99201	.21246	.20863	.30808	.18880	.28989	.17680	.28085	.09639	.19172
.951	9.957	1.96853	.27139	.21398	.29733	.17761	.27704	.16525	.26610	.09638	.19083
.950	11.951	1.82302	.32922	.19716	.27809	.17182	.25666	.14966	.24039	.09120	.18116
.949	13.889	1.89959	.38324	.17916	.26223	.14968	.23945	.12436	.21940	.07678	.17323
.950	15.961	1.95515	.44384	.16622	.24335	.13137	.21663	.09391	.18411	.06035	.15720
.950	17.916	1.94772	.50311	.14588	.21901	.10930	.19089	.06145	.16145	.04422	.14256
	GRADIENT	.00406	.02787	.00100	-.00048	.00166	.00029	.00312	.00010	.01450	.01424

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.976	-2.013	1.94347	-.04124	.25173	.33294	.22394	.31884	.20277	.31095	.04414	.12775
.979	.038	2.03645	.01711	.25245	.33621	.22557	.32286	.20974	.31521	.08630	.16731
.979	1.975	2.07030	.07016	.25432	.33782	.22842	.32338	.21921	.31537	.10419	.19166
.979	3.999	2.05086	.12674	.25481	.33478	.22774	.32096	.21767	.31116	.11599	.20366
.981	6.014	2.10355	.18130	.24789	.33011	.22116	.31567	.20870	.30450	.11828	.20847
.980	7.954	2.02127	.23237	.24327	.32674	.21572	.31151	.20147	.29845	.12002	.21138
.980	9.914	1.92413	.28582	.23472	.31443	.20556	.29693	.18877	.28088	.11764	.20736
.982	12.005	1.93101	.34635	.22088	.29938	.19211	.28001	.16947	.26006	.10871	.20090
.980	13.912	1.93635	.40117	.20503	.28090	.17346	.26099	.14703	.23687	.09581	.19087
.980	15.939	1.94520	.46013	.18507	.26106	.15080	.23889	.11458	.21039	.07814	.17492
.979	17.970	1.96969	.51989	.17060	.24267	.12931	.21764	.08207	.17876	.06044	.16075
	GRADIENT	.01787	.02789	.00055	.00036	.00071	.00035	.00271	.00004	.01171	.01263

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.049	-4.003	1.89573	-.02570	.31428	.39869	.28635	.38251	.26632	.37697	.06457	.15378
1.050	-1.958	1.95303	.03708	.31658	.40013	.29226	.38462	.27172	.37947	.11427	.19615
1.050	-.003	2.00471	.08396	.31667	.40041	.29294	.38500	.28069	.37945	.15375	.22993
1.050	2.027	2.00477	.13655	.31528	.39440	.29336	.38147	.28112	.37583	.17008	.25321
1.050	4.028	2.01448	.19103	.31394	.38615	.29054	.37736	.27692	.37084	.17724	.26273
1.050	6.044	2.08477	.24391	.30282	.38341	.28423	.37085	.26724	.36562	.17663	.26725
1.050	8.002	2.01184	.29504	.28634	.38723	.27016	.37016	.25782	.35971	.17385	.26838
1.050	10.020	2.03389	.35179	.29484	.37619	.25728	.35675	.24228	.34337	.16977	.26545
1.050	11.946	1.93586	.40333	.27921	.35732	.25443	.33676	.22540	.31787	.16217	.25422
1.049	13.924	1.96242	.45673	.26253	.33334	.23299	.31402	.20035	.29278	.14515	.24234
1.050	15.950	1.99986	.51405	.25504	.32751	.21603	.29821	.16838	.25816	.12211	.22527
1.051	17.949	2.00207	.57160	.23790	.30725	.19840	.27643	.13963	.23424	.10905	.21007
	GRADIENT	.01442	.02659	-.00010	-.00154	.00047	-.00067	.00152	-.00079	.01403	.01372

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.098	-1.979	1.93984	.07886	.35263	.44448	.33183	.43207	.32543	.42354	.17332	.24574
1.101	.040	2.03548	.12923	.35938	.44226	.33785	.43062	.32655	.42209	.20083	.27896
1.101	2.035	2.06642	.17940	.35655	.43878	.33396	.42684	.32180	.41849	.21604	.30014
1.099	4.029	2.01599	.22916	.35562	.43287	.33170	.42049	.31958	.40973	.22293	.30713
1.099	6.084	2.04144	.27852	.34131	.42720	.32438	.41306	.30901	.40160	.22105	.30898
1.097	7.996	1.99455	.32667	.34277	.42126	.31934	.40647	.29992	.39171	.22022	.30801
1.098	10.037	2.03451	.38130	.33297	.40915	.30518	.39293	.28481	.37392	.21283	.30253
1.102	11.854	1.86207	.43309	.32337	.39237	.29620	.37305	.26805	.35012	.20413	.29110
1.098	13.940	1.97139	.48890	.30665	.37081	.27505	.35377	.24494	.32662	.18696	.27939
1.101	15.878	1.91212	.54346	.29486	.36218	.26033	.33528	.21700	.29849	.16813	.26171
1.100	17.905	1.93313	.60253	.27803	.34293	.24218	.31809	.19010	.27103	.15406	.24922
1.100	19.879	.30789	.65819	.30060	.28710	.26406	.25926	.19825	.20322	.18662	.20243
	GRADIENT	.01300	.02503	.00031	-.00191	-.00021	-.00192	-.00111	-.00225	.00820	.01027

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-3.944	2.00688	.06542	.37730	.46717	.35627	.45214	.33281	.44519	.10249	.21603
1.149	-1.937	2.01399	.09579	.37587	.46345	.35406	.44867	.33383	.44190	.18750	.26020
1.150	.036	2.02871	.14716	.37159	.45750	.35116	.44314	.33889	.43696	.21637	.29073
1.150	2.026	2.06033	.19585	.36548	.44520	.34552	.43561	.33368	.42936	.22772	.31000
1.150	4.020	2.04605	.24289	.36239	.43593	.33992	.42747	.32612	.41924	.22892	.31504
1.149	6.066	2.04735	.29410	.35577	.43126	.33219	.41707	.31443	.40925	.22422	.31363
1.150	7.932	1.98545	.34285	.33841	.43044	.32130	.41276	.30527	.39953	.21573	.30922
1.149	9.882	1.89758	.39495	.35261	.41744	.31251	.39725	.29528	.38014	.21087	.29894
1.149	11.917	1.87358	.44792	.33717	.40323	.31293	.38082	.28166	.35725	.20062	.28718
1.148	13.894	1.90700	.50072	.32620	.38639	.29755	.36484	.26253	.33642	.19353	.28234
1.150	15.889	1.91221	.55843	.32923	.38073	.29000	.35232	.24344	.30972	.18693	.27484
1.150	17.908	1.93465	.61607	.31719	.36538	.27967	.33594	.22156	.28368	.17880	.26464
	GRADIENT	.00627	.02287	-.00202	-.00405	-.00207	-.00314	-.00068	-.00324	.01474	.01246

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.197	-1.990	2.04311	.10429	.37760	.46576	.35701	.45471	.34632	.44326	.16480	.25155
1.199	.070	2.04395	.14188	.37370	.45659	.35556	.44563	.34036	.43527	.21863	.28920
1.198	2.066	2.05053	.18738	.37200	.44728	.35149	.43693	.34180	.42539	.22160	.30366
1.198	4.019	2.06599	.23869	.37114	.44074	.34710	.42857	.33451	.41441	.21847	.30352
1.198	6.032	2.08807	.28711	.36913	.43559	.34263	.42142	.32568	.40580	.21312	.29866
1.201	7.929	2.02582	.33403	.36753	.42964	.34148	.41379	.31899	.39470	.22096	.29557
1.197	10.006	1.81744	.39150	.36276	.42103	.33331	.40253	.31141	.37842	.22097	.29383
1.197	11.894	1.85774	.44559	.35449	.41200	.32647	.39167	.29777	.36230	.21804	.29266
1.202	13.907	1.90837	.50015	.34452	.40180	.31359	.38007	.28046	.34356	.21523	.28991
1.199	15.883	1.90826	.55887	.34312	.39782	.30633	.37151	.26616	.32470	.19816	.27978
1.198	17.907	1.90941	.61745	.32922	.37899	.29614	.35193	.24873	.30304	.16235	.25318
	GRADIENT	.00374	.02239	-.00106	-.00422	-.00168	-.00435	-.00170	-.00481	.00827	.00856

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	-1.965	1.97817	.11090	.33744	.47839	.33667	.47313	.33754	.46107	.17566	.26482
1.298	.020	2.02979	.15463	.30783	.47252	.31840	.46765	.32728	.45780	.17598	.30106
1.299	1.979	2.06454	.20530	.28411	.46941	.29395	.46290	.31833	.45149	.17771	.30666
1.299	4.006	2.04174	.25117	.24110	.46544	.26374	.45611	.29885	.44296	.18265	.31193
1.301	6.040	2.10263	.30728	.19552	.45543	.23370	.44863	.27532	.43305	.19201	.31447
1.299	7.952	2.02213	.35033	.19908	.45501	.21067	.43971	.25304	.41820	.21121	.31478
1.299	9.998	2.00536	.40974	.26380	.44228	.23651	.42702	.24552	.40141	.20822	.30740
1.301	11.905	1.88984	.45952	.35337	.43721	.29533	.41561	.27133	.38449	.19710	.29035
1.301	13.902	1.92981	.51634	.37329	.43206	.34015	.41128	.31505	.37274	.18178	.27790
1.300	15.904	1.95750	.57628	.39587	.42393	.34720	.40124	.30930	.35911	.17157	.26681
1.299	17.930	1.96522	.63321	.38287	.41883	.35754	.39489	.30467	.34534	.15858	.25589
	GRADIENT	.01129	.02372	-.01575	-.00211	-.01225	-.00281	-.00630	-.00305	.00114	.00738

OA232 AEDC 16T TF431 LA .2P/S RA .2A (EVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.399	-3.951	1.92708	.06293	.32592	.46661	.30454	.47080	.28293	.46050	.19095	.27030
1.399	-2.062	1.98129	.10290	.35706	.44976	.32882	.46137	.30035	.45836	.20149	.28558
1.399	-.026	1.97470	.15345	.34437	.41994	.35771	.44164	.33160	.44725	.19233	.29230
1.399	2.010	1.98051	.18869	.31753	.38307	.33887	.40695	.35887	.42268	.18974	.29465
1.401	4.008	2.00170	.24733	.28108	.35671	.31749	.37814	.34320	.39833	.19813	.29723
1.400	6.040	2.10302	.29613	.24135	.35389	.29472	.35423	.32382	.37815	.20065	.30816
1.400	8.038	2.10702	.35117	.20387	.29527	.25944	.32009	.30029	.35481	.20177	.31767
1.400	10.115	1.94794	.41246	.18077	.33550	.23346	.32470	.27963	.33818	.18961	.29944
1.401	11.977	1.97140	.46817	.16666	.39391	.20480	.40500	.25157	.38048	.18497	.28720
1.399	13.972	2.00552	.51995	.15798	.45302	.17708	.42860	.22149	.38390	.17554	.29588
1.400	15.995	2.01067	.57128	.14533	.44790	.15468	.42239	.18907	.38158	.16828	.30126
1.399	18.010	2.02016	.62752	.20069	.45427	.13850	.42837	.15741	.37020	.15768	.28749
	GRADIENT	.00737	.02274	-.00654	-.01435	.00175	-.01202	.00895	-.00803	.00012	.00313

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.550	-3.884	1.77379	.07349	.38342	.45783	.28962	.42497	.29384	.37719	.19755	.30327
1.550	-1.889	1.84667	.11454	.38851	.44112	.30617	.43987	.29306	.37921	.21013	.30851
1.550	.100	1.85984	.16678	.36785	.42511	.35766	.42923	.29565	.38580	.20788	.30053
1.550	2.143	1.86100	.20970	.35215	.40218	.36299	.41507	.29428	.39506	.21035	.28584
1.550	4.161	1.87869	.24856	.32040	.38069	.34045	.40487	.29742	.40695	.19934	.28200
1.550	6.194	1.95135	.29526	.29798	.35375	.31484	.39232	.30755	.39694	.19309	.28129
1.550	8.107	2.01912	.34383	.28352	.32688	.30255	.37834	.29958	.39736	.19665	.29229
1.550	10.075	1.93643	.39860	.24614	.29007	.29967	.34827	.30810	.38090	.18173	.29281
1.549	11.895	1.99044	.44791	.21220	.25712	.27117	.32348	.28935	.35475	.18013	.28884
1.550	13.923	2.04652	.50790	.18860	.23234	.23695	.29120	.26974	.32622	.18080	.29013
1.549	15.882	2.09257	.56459	.16925	.20669	.20971	.26239	.24251	.30063	.17507	.28392
1.549	17.875	2.09671	.62652	.14997	.20235	.18749	.23638	.21243	.26990	.16556	.27862
	GRADIENT	.01111	.02213	-.00808	-.00961	.00785	-.00324	.00042	.00375	.00018	-.00325

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (EVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.700	-1.945	-.21587	-.16375	.13874	.13599	.12039	.11808	.11538	.10831	-.03294	-.03812
.701	.002	-.17182	-.10992	.14492	.14546	.12618	.12772	.12118	.11823	-.00375	-.00448
.702	2.035	-.12579	-.05428	.15161	.14336	.13111	.12948	.12583	.12741	.01232	.02289
.702	4.113	-.08251	.00392	.15060	.14413	.13202	.13163	.12620	.13038	.02520	.03784
.703	6.181	-.03740	.06235	.14832	.13955	.12909	.12720	.12274	.12103	.03028	.04674
	GRADIENT	.02207	.02765	.00208	.00109	.00196	.00208	.00183	.00372	.00940	.01260

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.200	-1.708	.10331	-.19224	.08148	.08363	.05832	.05972	.05327	.05179	-.04782	-.04503
.200	.137	.10451	-.13981	.09769	.10054	.07325	.08036	.07182	.06962	-.01858	-.01505
.200	2.134	.10608	-.09746	.10198	.10123	.07808	.08163	.07592	.07153	-.00717	-.00504
.200	4.213	.10742	-.04314	.10158	.10443	.08065	.08346	.07778	.07340	-.00428	.00217
.200	6.138	.10875	.01374	.10153	.10438	.08278	.08773	.07847	.07697	.00152	.01156
.201	8.137	.11107	.07263	.09827	.10038	.07762	.08749	.07549	.07189	-.00051	.01580
.201	10.165	.11210	.13043	.08644	.08216	.07077	.07427	.06437	.06433	-.00739	.01319
.202	12.171	.11333	.18699	.06520	.05744	.04827	.05740	.04545	.04755	-.00948	.01374
.203	14.189	.11512	.23963	.03776	.02727	.02518	.03425	.02238	.02727	-.02092	-.00210
.203	16.176	.11651	.29286	-.00451	-.00869	-.01146	.00459	-.01495	-.00168	-.04486	-.02473
	GRADIENT	.00070	.02476	.00322	.00315	.00359	.00360	.00387	.00332	.00710	.00760

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.396	-1.917	.07926	-.17723	.10132	.10248	.07911	.07748	.07476	.06957	-.03324	-.03135
.397	.032	.07939	-.12636	.11573	.11295	.09402	.09081	.09009	.08177	-.00477	-.00443
.397	1.999	.07942	-.07924	.11960	.11603	.09749	.09545	.09553	.08602	.01010	.00771
.397	4.009	.07838	-.02339	.12453	.12017	.10480	.10157	.10088	.09097	.01868	.01944
.397	6.022	.07849	.02964	.12280	.11884	.10270	.10223	.09957	.08929	.01590	.02296
.398	8.027	.07906	.08708	.11657	.11341	.09965	.10036	.09378	.08587	.01534	.02631
.398	10.028	.07938	.14228	.10477	.09338	.08787	.08468	.08200	.07373	.01149	.02323
.397	12.033	.07921	.19899	.08359	.06903	.06784	.06819	.06312	.05838	.00420	.02186
.397	14.026	.07911	.25498	.05523	.03948	.04341	.04694	.03869	.03908	-.00731	.00917
.397	16.049	.08105	.31084	.02127	.00948	.01381	.02247	.00831	.01619	-.02310	-.00587
	GRADIENT	-.00013	.02576	.00372	.00284	.00407	.00389	.00424	.00346	.00863	.00832

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.598	-2.039	-.04092	-.17969	.10973	.12121	.09016	.08783	.08462	.07903	-.00075	-.04360
.600	.111	-.04529	-.12178	.13825	.12832	.10842	.09936	.09876	.09507	-.01964	-.00912
.600	2.039	-.04698	-.06917	.13069	.13367	.11156	.10715	.10759	.10269	-.00221	.01345
.600	3.993	-.04908	-.01583	.13310	.12851	.11480	.11141	.11065	.10557	.00962	.02495
.600	6.000	-.04848	.04166	.13295	.12800	.11527	.11031	.11024	.10686	.01644	.03338
.601	8.000	-.04855	.09786	.13895	.11946	.10852	.10481	.10319	.09282	.02050	.03646
.600	10.064	-.04538	.15754	.13470	.10080	.10705	.09195	.09100	.07886	.01943	.03185
.599	12.040	-.04187	.21445	.11623	.07313	.09130	.07378	.07245	.06481	.01042	.02511
.599	14.029	-.03714	.27142	.07609	.04325	.06898	.05220	.05396	.05530	.00008	.01339
.599	16.077	-.03416	.33052	.04242	.01685	.03879	.02963	.02566	.02135	-.01895	-.00182
	GRADIENT	-.00131	.02718	.00321	.00139	.00389	.00394	.00437	.00439	.01149	.01145

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.700	-2.042	-.00816	-.17217	.14673	.13814	.11812	.10273	.10352	.09902	-.04860	-.03752
.700	.148	-.00991	-.11156	.16348	.14663	.12924	.11398	.12236	.10973	-.00460	-.00120
.702	2.066	-.01194	-.05804	.16596	.15246	.13760	.12170	.12979	.11719	.01301	.02247
.701	3.979	-.01170	-.00498	.17195	.14344	.14079	.12199	.13366	.11980	.02579	.03555
.701	5.966	-.01104	.05273	.15116	.14190	.14159	.12236	.12867	.12086	.03184	.04396
.700	8.031	-.01014	.11264	.15621	.14049	.12712	.12205	.12479	.10490	.03281	.04327
.701	10.046	-.00879	.17020	.15220	.11902	.11982	.10735	.11144	.09321	.03308	.04161
.699	12.047	-.00423	.22935	.13273	.08987	.10774	.09307	.08641	.08799	.02515	.03506
.698	14.050	-.00098	.28740	.10904	.05807	.08241	.06493	.06913	.06811	.01461	.02442
.696	16.054	.00175	.34630	.08565	.04334	.05983	.04553	.03807	.03460	-.00557	.01075
	GRADIENT	-.00064	.02778	.00395	.00114	.00384	.00331	.00495	.00352	.01216	.01222

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.798	-1.998	.03057	-.15254	.17764	.17306	.14955	.13397	.13586	.12830	-.02647	-.02120
.800	.022	.03419	-.09486	.19111	.17900	.15820	.14334	.15219	.13687	.01658	.01587
.800	1.984	.03678	-.03882	.19362	.18185	.16510	.14883	.15793	.14260	.03535	.04209
.800	3.965	.03853	.01901	.19943	.17142	.16812	.15023	.16002	.14515	.04891	.05590
.800	5.997	.04188	.07834	.18152	.16848	.16728	.14730	.15697	.14477	.05481	.06483
.800	7.982	.04455	.13678	.18506	.16981	.15468	.14850	.14960	.13311	.05552	.06473
.800	10.011	.04803	.19683	.17892	.15334	.14634	.13589	.13638	.13022	.05679	.06368
.800	11.995	.05201	.25531	.16025	.11697	.13328	.11590	.10999	.11174	.04971	.05821
.799	13.998	.05841	.31459	.13874	.09087	.11000	.09111	.09341	.09367	.03919	.04874
.799	16.024	.06224	.37481	.12687	.07452	.08886	.07503	.06295	.06279	.02011	.03518
	GRADIENT	.00133	.02875	.00343	-.00010	.00316	.00274	.00395	.00284	.01236	.01298

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.850	-1.977	-.01089	-.13193	.20266	.20174	.17383	.16017	.16478	.15209	-.00417	.00000
.850	-.062	-.01061	-.07676	.21418	.20418	.18200	.16618	.17489	.15875	.03414	.03091
.849	1.935	-.01186	-.01985	.21638	.20616	.18740	.17069	.17986	.16369	.05479	.05872
.850	3.949	-.00934	.03931	.21918	.19386	.18970	.17259	.18098	.16549	.06832	.07323
.850	5.957	-.00837	.09831	.21479	.19735	.18725	.17046	.17767	.16519	.07480	.08048
.850	7.985	-.00845	.15842	.20897	.19089	.17671	.16920	.16874	.15661	.07606	.08239
.850	10.024	-.00681	.21847	.20111	.17409	.16844	.15588	.15530	.14901	.07593	.08085
.850	11.988	-.00447	.27636	.18377	.14118	.15514	.13820	.13405	.13230	.06909	.07648
.849	14.000	-.00281	.33669	.16260	.11691	.13080	.11537	.11290	.11322	.05829	.06708
.850	16.025	-.00027	.39736	.15273	.09591	.11116	.09667	.08236	.08391	.04107	.05410
	GRADIENT	.00017	.02886	.00260	-.00111	.00267	.00211	.00270	.00228	.01201	.01250

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.900	-1.980	.07470	-.10591	.23154	.23655	.20365	.19328	.19005	.18355	.02231	.02292
.901	-.001	.07249	-.04783	.24220	.23847	.21163	.19864	.20638	.18965	.06488	.06118
.900	1.973	.07069	.00819	.24307	.23743	.21501	.20084	.20886	.19227	.08380	.08783
.900	3.975	.10464	.06591	.24573	.22674	.21752	.20175	.20992	.19375	.09710	.10259
.900	5.969	.07693	.12457	.24383	.22820	.21473	.19917	.20591	.19290	.10364	.10944
.900	7.987	.07942	.18453	.23609	.21958	.21048	.19657	.19669	.18432	.10468	.11129
.900	9.981	.11112	.24182	.22823	.20223	.19363	.18357	.18287	.17658	.10421	.10931
.899	11.999	.10889	.30123	.21115	.16916	.18264	.16436	.16109	.15818	.09704	.10437
.900	13.996	.07874	.36061	.19185	.14347	.15980	.14125	.13978	.13944	.08624	.09558
.900	16.018	.07892	.42179	.17512	.12219	.13900	.12285	.10847	.11292	.06957	.08283
.900	18.047	.07420	.48190	.15034	.08701	.11461	.09077	.07542	.09220	.05316	.06540
	GRADIENT	.00445	.02881	.00219	-.00154	.00227	.00139	.00313	.00167	.01226	.01338

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.949	-1.982	.05388	-.06737	.27321	.27940	.24555	.23458	.23766	.22217	.06531	.06276
.948	-.011	.07757	-.01321	.27986	.27775	.24927	.23645	.24292	.22548	.10021	.09500
.950	1.936	.02827	.04309	.28223	.27887	.25434	.23983	.24743	.22985	.12244	.12440
.949	3.980	.08601	.10006	.28185	.26566	.25363	.23843	.24565	.22873	.13386	.13767
.950	5.987	.08375	.15850	.27975	.26473	.25039	.23529	.24039	.22598	.13951	.14381
.950	7.949	.08474	.21595	.27191	.25544	.24630	.23053	.23138	.22111	.14031	.14509
.949	10.002	.08931	.27487	.26473	.23669	.22987	.21556	.21543	.20807	.13880	.14204
.947	12.001	.07577	.33083	.24702	.20568	.21741	.19517	.19501	.18853	.12981	.13507
.951	14.039	.01313	.39329	.22980	.18009	.19629	.17418	.17072	.17141	.11997	.12741
.950	15.942	.03737	.44887	.21851	.15525	.17473	.15207	.14003	.14392	.10228	.11306
.952	18.019	.00882	.51231	.19727	.11884	.15432	.12014	.10593	.12130	.08577	.09529
	GRADIENT	.00246	.02816	.00142	-.00204	.00147	.00075	.00143	.00121	.01147	.01279

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.980	-2.081	.00937	-.04518	.29651	.30619	.27144	.26045	.25421	.24712	.08589	.08231
.980	.046	.03264	.01300	.30035	.30395	.27647	.26310	.26767	.25084	.12730	.12214
.980	2.007	.03323	.06745	.30144	.30141	.27652	.26295	.26780	.25179	.14482	.14868
.980	3.910	.03541	.12111	.30266	.29414	.27721	.26165	.26652	.25093	.15603	.16139
.979	5.939	.03090	.17891	.30558	.28692	.27523	.25709	.26157	.24686	.16012	.16658
.980	7.962	.03477	.23761	.29743	.27544	.26376	.25085	.25188	.24091	.16196	.16693
.980	9.950	.00029	.29446	.28800	.25606	.25908	.23568	.23613	.22731	.15925	.16319
.980	12.006	.00981	.35437	.26936	.22853	.24068	.21614	.21610	.20878	.15110	.15683
.980	13.993	-.01562	.41191	.25151	.19748	.21834	.19045	.19037	.18692	.13928	.14491
.980	16.016	-.02645	.47188	.23742	.17309	.19663	.16822	.15928	.16376	.12269	.13112
.980	18.015	.01322	.53127	.22137	.13869	.17760	.13766	.12520	.13849	.10450	.11401
	GRADIENT	.00401	.02775	.00099	-.00193	.00088	.00018	.00190	.00063	.01152	.01330

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.050	-1.963	-.03566	.03830	.36315	.37562	.33871	.33025	.32964	.31444	.15702	.14746
1.049	-.011	-.05021	.08649	.36730	.37048	.34148	.32916	.33309	.31463	.19231	.18333
1.049	1.940	-.05442	.13832	.36676	.36776	.34258	.32855	.33359	.31578	.20994	.20946
1.050	3.965	-.02538	.19235	.36839	.35019	.33948	.32429	.32921	.31183	.21857	.22086
1.049	5.981	-.01991	.24621	.36556	.34803	.33542	.31675	.31999	.30685	.21962	.22389
1.050	7.988	-.03590	.30079	.35590	.33456	.31919	.30917	.30982	.29494	.21924	.22212
1.050	10.014	-.02505	.35681	.34741	.31512	.31835	.29284	.29070	.28336	.21502	.21691
1.049	12.002	-.00521	.41179	.32750	.28592	.29844	.27344	.26464	.26455	.20315	.20822
1.049	13.994	-.00335	.46583	.30804	.25667	.27472	.24470	.24062	.24262	.18878	.19515
1.049	16.017	-.06232	.52328	.30245	.23312	.25602	.22066	.21278	.20918	.16732	.17697
1.050	17.994	-.05396	.57983	.28701	.19844	.24126	.18779	.18155	.18482	.15420	.15989
	GRADIENT	.00139	.02605	.00077	-.00402	.00017	-.00094	-.00005	-.00034	.01023	.01246

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.100	-1.895	.04138	.09074	.40809	.42603	.38357	.38069	.36756	.36422	.21178	.19944
1.100	-.033	-.02159	.13670	.40992	.42004	.38587	.37838	.37665	.36285	.24418	.23608
1.100	1.941	-.02636	.18496	.40752	.41537	.38404	.37514	.37473	.36160	.25758	.25983
1.101	4.017	.03931	.23673	.40762	.39609	.38134	.36898	.37044	.35582	.26498	.26938
1.100	6.001	.03728	.28797	.40715	.39223	.37672	.35985	.36196	.34952	.26485	.27133
1.100	8.012	.02959	.34066	.39584	.37850	.36034	.35111	.34935	.33495	.26315	.26794
1.100	10.034	.02124	.39406	.38271	.35879	.35662	.33405	.33161	.32465	.25735	.26139
1.099	12.005	-.03848	.44855	.36711	.32971	.33808	.31317	.30495	.30432	.24465	.25077
1.100	13.998	-.01951	.50103	.34945	.30249	.31706	.28522	.28046	.28334	.22883	.23768
1.101	16.034	.02804	.55656	.34150	.28206	.29952	.26415	.25437	.25522	.20736	.22168
1.100	18.066	.03915	.61273	.32945	.24771	.28516	.23188	.22375	.22811	.19693	.20836
	GRADIENT	-.00020	.02467	-.00020	-.00483	-.00045	-.00196	.00030	-.00135	.00870	.01177

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-1.882	.03755	.09825	.42111	.44880	.39771	.40040	.38213	.37864	.21773	.20352
1.151	.029	.05607	.14662	.41975	.44006	.39683	.39454	.38734	.37427	.25181	.24026
1.149	2.084	.03604	.19779	.41475	.43252	.39189	.38904	.38238	.36938	.26510	.26647
1.149	3.966	.03535	.24293	.41228	.41037	.38805	.37921	.37577	.36187	.26772	.27352
1.149	6.005	.03669	.29415	.41279	.40618	.38202	.36869	.36542	.35182	.26438	.27202
1.150	8.013	.05529	.34698	.40108	.38701	.36600	.35500	.35191	.33612	.25940	.26585
1.150	10.051	.02544	.40083	.38935	.36847	.36220	.33748	.33556	.32385	.25005	.25659
1.150	12.043	.04822	.45430	.37747	.34666	.34768	.31876	.31350	.30531	.23715	.24545
1.149	14.054	.04297	.50942	.36447	.32408	.33126	.29507	.29208	.28742	.22971	.24216
1.149	16.042	.03648	.56584	.35666	.30600	.31825	.27155	.27177	.26123	.22116	.23677
1.150	18.083	.05195	.62406	.35233	.27250	.30944	.23828	.24851	.22014	.21629	.22635
	GRADIENT	-.00140	.02476	-.00161	-.00625	-.00173	-.00352	-.00123	-.00281	.00833	.01207

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.199	-1.899	.05515	.11252	.42745	.46571	.40491	.41332	.39041	.38370	.23604	.19276
1.200	.031	.05866	.14878	.42257	.45439	.40199	.40451	.39214	.37597	.25288	.23731
1.201	1.923	.05297	.19003	.41638	.44569	.39515	.39578	.38515	.36724	.25668	.25811
1.200	3.944	.05186	.24598	.41454	.42359	.39026	.38467	.37717	.35624	.25459	.25982
1.201	5.950	.05340	.29229	.41280	.41771	.38631	.37367	.36803	.34599	.25057	.25654
1.199	8.010	.06385	.34389	.40775	.39861	.37350	.35975	.35744	.32957	.24381	.25215
1.199	10.011	.07706	.39888	.40130	.38375	.36927	.34432	.34590	.31943	.24645	.25261
1.200	12.066	.07659	.45546	.38972	.36573	.36086	.32724	.32689	.29763	.24689	.25131
1.200	14.048	.07415	.51082	.37889	.34661	.34615	.30607	.30488	.27142	.24444	.24759
1.200	16.006	.05178	.56847	.37406	.33469	.33775	.28889	.29446	.24509	.23416	.23650
1.200	18.059	.05698	.62666	.37461	.30432	.33331	.26492	.27684	.20876	.19678	.21256
	GRADIENT	-.00080	.02277	-.00231	-.00698	-.00261	-.00488	-.00241	-.00470	.00304	.01138

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.219	-1.949	.03305	.10188	.42370	.47174	.40317	.41728	.38918	.38223	.24167	.19630
1.220	.000	.03524	.14934	.41903	.46158	.40125	.40878	.39199	.37528	.25734	.23760
1.220	1.906	.04213	.18728	.41563	.43443	.39528	.39770	.38602	.36557	.25596	.25319
1.219	3.926	.04444	.24591	.41804	.41690	.39407	.38349	.38108	.35555	.25607	.25360
1.220	5.932	.04848	.29271	.40967	.41838	.39165	.37511	.37298	.34652	.25261	.24857
1.220	7.974	.05153	.34406	.41050	.40545	.37727	.36400	.36305	.32633	.25705	.24938
1.220	9.977	.06595	.39846	.40517	.38563	.37122	.34740	.35005	.31449	.25737	.25304
1.219	12.006	.06980	.45521	.39377	.36777	.36630	.33074	.32876	.29430	.25717	.24990
1.220	13.988	.06685	.51030	.38443	.34989	.35262	.31127	.31123	.27393	.25430	.24409
1.220	16.019	.06078	.56951	.38429	.34281	.34663	.29374	.30312	.24888	.22504	.22023
1.218	17.980	.05924	.62756	.38913	.32080	.34441	.27825	.28615	.21609	.20023	.20872
	GRADIENT	.00210	.02409	-.00104	-.00981	-.00170	-.00576	-.00155	-.00460	.00213	.00956

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.240	-2.006	.03607	.09503	.41846	.47881	.40054	.42294	.38853	.38496	.21045	.20205
1.239	.029	.04522	.14918	.41613	.46733	.39993	.41369	.39156	.37806	.24614	.23834
1.240	1.967	.04874	.19312	.41695	.43586	.39689	.40308	.38899	.37018	.25196	.24951
1.239	4.034	.04755	.24683	.42254	.42268	.39807	.38958	.38552	.36126	.25410	.24860
1.240	5.980	.04966	.30086	.42052	.42370	.39629	.38166	.37916	.35299	.25788	.24719
1.240	7.979	.05070	.34983	.42172	.41570	.38875	.37357	.36971	.33356	.26494	.24665
1.240	10.012	.06103	.40253	.41244	.39601	.38198	.35759	.35605	.32126	.26701	.24543
1.240	11.996	.06236	.45619	.40055	.38170	.37234	.34280	.33871	.30315	.26575	.24564
1.240	14.012	.05779	.51258	.39224	.36345	.36071	.32280	.32035	.28305	.25487	.22881
1.239	16.012	.04936	.57015	.39187	.35701	.35515	.30748	.31173	.25990	.22639	.22122
1.240	18.026	.04581	.63062	.39985	.33425	.35532	.29166	.29629	.22635	.20419	.20929
	GRADIENT	.00189	.02490	.00065	-.00994	-.00052	-.00552	-.00058	-.00394	.00682	.00751

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	-1.990	.01709	.10896	.39978	.51619	.39586	.45584	.39088	.41366	.20233	.23880
1.299	.002	.01829	.15372	.39132	.50858	.38972	.45110	.39208	.41053	.21924	.25518
1.300	1.989	.01816	.20948	.39385	.46791	.38665	.44156	.38843	.40602	.22383	.25928
1.300	3.995	.01773	.25596	.40506	.45559	.38892	.42596	.38511	.39745	.23698	.26097
1.300	6.004	.02124	.30480	.41741	.46516	.39094	.42040	.38058	.38831	.23805	.25762
1.300	8.026	.02127	.35963	.38145	.45344	.36770	.40968	.36899	.36423	.24386	.25787
1.300	9.976	.02760	.40893	.42540	.43830	.35003	.39407	.35644	.35574	.24122	.25446
1.300	12.011	.02962	.46151	.42227	.42580	.39145	.38108	.34137	.33924	.23693	.23935
1.300	14.019	.02447	.51778	.42016	.40760	.38426	.36410	.33702	.31923	.22557	.23461
1.299	15.969	.01963	.57451	.42196	.40354	.38003	.35124	.33658	.30169	.21281	.22886
1.300	18.050	.01941	.63758	.43366	.38227	.38831	.33639	.32439	.26793	.20078	.22079
	GRADIENT	.00009	.02491	.00092	-.01115	-.00120	-.00498	-.00105	-.00267	.00544	.00354

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.399	-1.985	-.04436	.10936	.40009	.54580	.39964	.48343	.38201	.41305	.22555	.24658
1.400	.022	-.03206	.15002	.37237	.53131	.38510	.46944	.39755	.40451	.22474	.25633
1.400	1.962	-.04248	.19090	.35124	.42845	.36533	.43296	.39124	.39135	.23819	.26170
1.399	3.977	-.03960	.23856	.31825	.42609	.34024	.40558	.36592	.38202	.25163	.26037
1.400	5.952	-.04234	.29390	.27172	.45758	.31582	.41239	.34617	.37538	.25640	.26352
1.400	7.986	-.03715	.34975	.22671	.47978	.28212	.43037	.32393	.36767	.26372	.25257
1.400	9.965	-.03193	.41404	.19777	.47228	.24734	.42280	.29726	.36795	.25228	.24628
1.400	11.982	-.02774	.46828	.18669	.46615	.21887	.41927	.26742	.36731	.23823	.24426
1.400	13.992	-.03162	.51709	.20317	.44866	.19626	.39875	.23518	.35603	.22653	.24613
1.400	15.951	-.03524	.57257	.24549	.47027	.19996	.40163	.20781	.34776	.20864	.24111
1.400	17.977	-.03305	.63372	.29967	.45277	.22618	.40516	.21799	.32278	.19427	.23360
	GRADIENT	.00021	.02162	-.01346	-.02323	-.00999	-.01361	-.00276	-.00536	.00462	.00235

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.550	-1.859	-.13798	.11383	.43460	.41602	.40441	.32881	.34745	.32264	.26016	.25322
1.550	.031	-.13614	.16573	.40532	.39261	.41129	.34497	.34467	.31926	.25672	.25482
1.550	2.052	-.13690	.20535	.38165	.38111	.39486	.35980	.34998	.31571	.25203	.26008
1.551	4.093	-.13171	.24691	.35565	.38707	.37891	.36061	.36700	.31680	.23747	.25298
1.550	6.060	-.12907	.29553	.32734	.39579	.35892	.36514	.36909	.31792	.23851	.24176
1.550	8.088	-.12448	.35240	.29651	.38063	.34285	.35762	.36072	.31329	.25388	.25040
1.550	10.082	-.11705	.40216	.26877	.37757	.32408	.35151	.35249	.32005	.24232	.24664
1.550	12.062	-.11310	.45717	.23853	.36907	.29299	.33792	.32599	.32128	.23329	.25177
1.550	14.095	-.11200	.51766	.21956	.35698	.26235	.32920	.30002	.30717	.23262	.25683
1.549	16.084	-.11012	.57134	.20857	.36150	.23257	.34436	.26763	.29661	.23118	.24863
	GRADIENT	.00091	.02205	-.01309	-.00489	-.00472	.00552	.00325	-.00105	-.00368	.00014

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.201	-1.827	2.02960	-.20465	.02772	.12230	.00354	.09870	-.00570	.09587	-.09237	-.01070
.201	.217	2.05269	-.14262	.04851	.14519	.02148	.12584	.01864	.11662	-.05878	.02290
.203	2.133	2.06119	-.08734	.05966	.15211	.03444	.13374	.03234	.12606	-.03974	.04075
.204	4.121	2.04341	-.03781	.05770	.15670	.03622	.13438	.03207	.12540	-.04403	.04731
.203	6.092	1.96772	.01653	.05283	.15124	.02699	.13502	.02630	.12179	-.04205	.05074
.204	7.842	1.84828	.06933	.04787	.15395	.03192	.13714	.02637	.12261	-.04221	.05481
.200	9.797	1.66435	.12474	.04156	.13199	.02290	.12037	.02218	.10461	-.03877	.05162
.200	11.702	1.75393	.17252	.01566	.09991	.00271	.09476	.00127	.08254	-.05196	.04015
.201	13.722	1.80556	.22690	-.01810	.06339	-.02665	.06617	-.02523	.05333	-.06804	.02408
.201	15.703	1.84058	.28746	-.04093	.03250	-.04588	.04316	-.04375	.03107	-.07575	.00969
	GRADIENT	.00255	.02813	.00513	.00559	.00562	.00584	.00644	.00498	.00832	.00973

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.397	-1.949	2.07008	-.17913	.05384	.14818	.03064	.12484	.02356	.12132	-.06991	.01175
.398	.036	2.05583	-.12892	.06448	.15828	.04249	.13614	.03699	.13067	-.04301	.03346
.398	2.027	2.08019	-.07567	.07189	.16624	.04994	.14571	.04681	.13868	-.02714	.05152
.398	4.034	2.07320	-.02285	.07292	.16910	.05296	.15054	.04945	.14001	-.02675	.06002
.398	6.021	2.09153	.03047	.06880	.16853	.05040	.15074	.04728	.13943	-.02893	.06490
.399	7.888	1.93939	.08585	.06794	.17023	.05152	.15403	.04684	.13962	-.02417	.06950
.399	9.869	1.87584	.13709	.05556	.15006	.03992	.13623	.03602	.12259	-.02758	.06533
.399	11.864	1.85206	.19486	.03759	.12430	.02549	.11831	.02276	.10467	-.03108	.06338
.399	13.871	1.87767	.25079	.00894	.09066	.00075	.09291	-.00004	.07964	-.04299	.04844
.399	15.864	1.89269	.30677	-.02027	.05277	-.02570	.06248	-.02610	.05118	-.05766	.02817
.398	17.907	1.91437	.36559	-.05218	.01562	-.05447	.03090	-.05723	.01995	-.07713	.00425
	GRADIENT	.00169	.02618	.00324	.00354	.00373	.00434	.00438	.00321	.00728	.00816

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.600	-1.921	1.96689	-.17194	.06548	.16628	.03873	.14204	.03252	.14204	-.09119	.00131
.600	.057	1.97003	-.12009	.09336	.18180	.06180	.15052	.04560	.15310	-.05610	.03544
.601	2.070	1.96307	-.06671	.07723	.18666	.05760	.16008	.05398	.15905	-.03874	.05777
.600	4.093	1.98050	-.01268	.07881	.18036	.05911	.16454	.05669	.16024	-.02809	.06878
.602	6.111	2.02001	.04413	.07600	.18016	.05876	.16096	.05549	.15769	-.02421	.07460
.601	8.014	2.01798	.09462	.07114	.17936	.05532	.16209	.05103	.14820	-.02093	.08194
.601	10.027	1.88551	.15422	.08695	.16228	.06349	.14858	.04557	.13189	-.01749	.07400
.601	11.881	1.93529	.20807	.06742	.13264	.04420	.12757	.02994	.11299	-.02405	.06757
.600	13.852	1.98140	.26541	.04721	.09979	.02235	.10300	.01701	.09921	-.03497	.05462
.599	15.888	1.99601	.32442	.01406	.06757	.00180	.07564	-.01234	.06236	-.05384	.03651
.600	17.886	2.01532	.38294	-.00054	.03599	-.02412	.04871	-.04391	.03375	-.07171	.01446
	GRADIENT	.00169	.02649	.00117	.00234	.00283	.00384	.00403	.00301	.01029	.01119

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.697	-1.908	1.99556	-.16832	.09874	.18999	.06670	.15724	.04926	.15836	-.08070	.00853
.700	.005	2.00455	-.11501	.11108	.19797	.07674	.16841	.06876	.16623	-.04357	.04178
.701	2.105	1.97784	-.05680	.11465	.19603	.08380	.17421	.07762	.17189	-.02574	.06582
.701	4.058	2.00612	-.00284	.12119	.19535	.08645	.17420	.08013	.17367	-.01439	.07837
.702	6.096	2.02556	.05492	.11545	.19517	.08523	.17566	.07725	.17389	-.00908	.08762
.700	7.970	1.95649	.10793	.11590	.19421	.07468	.17602	.07289	.16058	-.00776	.09144
.699	10.039	1.87047	.16865	.09876	.17855	.07404	.16468	.06289	.14667	-.00738	.08594
.699	11.895	1.91395	.22400	.08159	.15017	.05630	.14447	.04030	.13070	-.01363	.07953
.699	13.859	1.95092	.28203	.06105	.11547	.03437	.11823	.02636	.11576	-.02526	.06797
.698	15.880	1.95811	.34243	.04576	.09236	.01602	.09377	-.00320	.07721	-.04311	.05088
.699	17.891	1.97689	.40323	.01889	.06192	-.01237	.07070	-.03533	.05772	-.06031	.02899
	GRADIENT	.00018	.02774	.00353	.00069	.00331	.00283	.00506	.00258	.01081	.01167

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.799	-2.004	2.08335	-.15196	.12786	.22422	.09713	.18821	.07967	.18718	-.06361	.02495
.799	-.017	2.05686	-.09592	.13761	.22844	.10560	.19565	.09797	.19313	-.02455	.06142
.800	2.012	2.05643	-.03799	.14124	.23268	.11184	.20122	.10466	.19776	-.00474	.08651
.800	3.963	2.10071	.01843	.14691	.22415	.11296	.20171	.10555	.20023	.00672	.09991
.800	6.025	2.08432	.07721	.14064	.22263	.10948	.20112	.10172	.19952	.01206	.10850
.800	7.926	1.97903	.13156	.14259	.23001	.10772	.20665	.09659	.18756	.01530	.11138
.800	9.993	1.98886	.19212	.12333	.21682	.09709	.19847	.08447	.18645	.01380	.11117
.800	11.885	1.86603	.24892	.11054	.18508	.08393	.17430	.06979	.16447	.01102	.10242
.800	13.917	1.91870	.31013	.08922	.14605	.05926	.14610	.04789	.14206	-.00151	.09283
.800	15.945	1.92168	.37213	.06990	.12773	.04311	.12548	.02028	.10617	-.01851	.07640
.800	17.930	1.93482	.43144	.04917	.09369	.01831	.09625	-.01149	.08850	-.03232	.05671
	GRADIENT	.00255	.02855	.00305	.00021	.00270	.00232	.00424	.00220	.01159	.01255

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.849	-1.913	1.88760	-.13068	.15618	.24715	.12491	.20854	.11575	.20554	-.03812	.04345
.849	.022	1.98563	-.07569	.16159	.25329	.12989	.21822	.12210	.21424	-.00490	.07817
.850	1.976	2.02953	-.01925	.16368	.25687	.13406	.22379	.12596	.21895	.01318	.10385
.850	4.042	2.01113	.04031	.16434	.24499	.13494	.22424	.12662	.21853	.02690	.11652
.850	6.043	2.10182	.09743	.15925	.24557	.12988	.22256	.12060	.22107	.03068	.12574
.850	7.988	2.06958	.15252	.16260	.25446	.12656	.23017	.11329	.21876	.03208	.13117
.850	10.078	1.89658	.21514	.14883	.23569	.12209	.21467	.10591	.20434	.03554	.12616
.850	11.928	1.91231	.27077	.13366	.20790	.10460	.19470	.09082	.18385	.02949	.12009
.849	13.950	1.96210	.33167	.11504	.16889	.08293	.16769	.06642	.16135	.01699	.11073
.850	15.933	1.98740	.39260	.10451	.15066	.06638	.14820	.03823	.12839	.00060	.09588
.850	17.980	1.99924	.45410	.08056	.11356	.04245	.11644	.00555	.10858	-.01481	.07538
	GRADIENT	.02071	.02873	.00133	-.00018	.00172	.00264	.00183	.00219	.01072	.01232

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.901	-1.991	2.08210	-.10570	.18319	.28236	.15381	.24268	.13726	.23854	-.01447	.07214
.899	-.038	2.12317	-.04976	.18892	.28544	.15989	.24933	.15288	.24427	.02404	.10659
.899	1.974	2.11906	.00816	.19139	.28649	.16368	.25242	.15636	.24664	.04318	.13239
.900	3.952	2.13377	.06533	.19042	.27668	.16303	.25352	.15542	.24735	.05526	.14563
.900	5.989	2.13583	.12401	.18654	.27474	.15835	.25077	.14971	.24755	.06033	.15377
.900	7.876	2.03755	.17858	.19017	.28090	.15543	.25598	.14220	.24431	.06170	.15818
.900	10.025	1.80871	.24075	.17709	.26127	.15095	.24028	.13398	.22984	.06439	.15319
.900	11.900	1.84698	.29557	.16183	.23529	.13369	.22116	.11785	.21062	.05725	.14822
.900	13.924	1.88942	.35657	.14422	.19790	.11216	.19499	.09389	.18852	.04596	.13966
.899	15.891	1.85803	.41696	.12915	.17737	.09708	.17399	.06590	.16163	.02994	.12387
.899	17.929	1.88761	.47778	.10768	.14105	.07077	.14280	.03260	.13590	.01387	.10433
	GRADIENT	.00758	.02878	.00121	-.00081	.00158	.00179	.00291	.00145	.01150	.01241

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.950	-1.972	2.04457	-.06503	.22472	.32603	.19550	.28582	.18482	.27921	.02808	.11138
.950	.045	1.99295	-.00940	.23035	.32636	.20215	.28900	.19291	.28199	.06462	.14400
.950	1.988	2.02304	.04550	.23064	.32594	.20344	.29008	.19422	.28308	.08265	.16841
.950	4.016	2.02635	.10276	.22972	.31335	.20234	.28982	.19293	.28187	.09332	.18080
.950	6.057	2.06653	.15914	.22355	.31122	.19589	.28529	.18474	.28051	.09697	.18754
.950	7.981	2.00429	.21333	.22212	.31360	.19117	.28900	.17693	.27844	.09923	.19072
.951	10.031	2.03208	.27370	.21161	.30093	.18389	.27812	.16332	.26700	.09709	.18969
.950	11.930	1.89113	.33003	.20144	.27067	.17179	.25385	.14997	.24302	.09374	.18028
.949	14.018	2.00172	.39130	.18090	.23325	.14748	.22850	.12217	.22082	.07679	.17157
.950	15.938	1.98679	.44863	.17084	.21264	.13392	.20686	.09509	.18955	.06075	.15591
.950	17.931	1.96310	.50956	.15254	.17474	.11279	.17479	.06389	.16760	.04694	.13589
	GRADIENT	-.00127	.02804	.00077	-.00194	.00110	.00066	.00129	.00045	.01074	.01168

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.980	-2.030	2.01267	-.03862	.24938	.35203	.22196	.31025	.21083	.30290	.05231	.13262
.980	.010	2.05462	.01568	.25092	.35083	.22459	.31283	.21644	.30557	.08628	.16793
.980	1.987	2.03801	.07084	.25323	.34819	.22663	.31290	.21810	.30639	.10689	.19206
.980	4.017	2.04319	.12681	.25296	.34081	.22563	.31159	.21552	.30275	.11721	.20337
.979	6.008	2.11275	.18184	.24632	.33384	.21997	.30747	.20723	.30104	.11969	.20982
.979	7.948	1.98303	.23529	.24650	.33331	.21342	.30833	.19965	.29677	.12104	.21138
.981	9.975	1.97438	.29384	.23726	.32006	.20832	.29782	.18693	.28544	.11969	.20965
.979	11.942	1.91228	.35139	.22098	.29023	.19128	.27345	.16957	.26174	.11131	.20051
.980	13.938	1.94006	.40893	.20429	.25212	.17134	.24858	.14487	.23858	.09798	.19075
.979	15.929	1.93426	.46796	.18741	.22871	.15064	.22324	.11283	.21249	.07992	.17424
.981	17.964	1.96084	.52809	.17495	.19337	.13368	.19321	.08142	.18532	.06416	.15461
.980	18.933	1.94876	.55745	.16188	.17513	.11887	.17528	.06168	.16654	.05612	.14198
	GRADIENT	.00375	.02741	.00065	-.00180	.00065	.00021	.00078	.00002	.01071	.01175

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.051	-1.981	1.92928	.03861	.31698	.41594	.29104	.37530	.27512	.36530	.11918	.19449
1.049	.002	1.97726	.08650	.31630	.41384	.29190	.37620	.28290	.36708	.15651	.22946
1.050	2.007	2.01050	.13928	.31615	.41259	.29159	.37659	.28250	.36737	.17104	.25342
1.049	4.009	2.02564	.19128	.31740	.39639	.28856	.37139	.27809	.36149	.17773	.26210
1.051	6.077	2.04522	.24648	.31663	.39162	.28537	.36539	.27037	.35866	.17901	.26688
1.050	7.994	1.99357	.29575	.30728	.39260	.27131	.36649	.25978	.34989	.17760	.25708
1.050	9.971	1.99066	.34980	.29696	.37572	.26773	.35269	.24424	.33818	.17297	.26291
1.050	11.999	1.96371	.40797	.28059	.34602	.25236	.32973	.22008	.31769	.16236	.25338
1.049	13.935	1.98218	.46239	.26463	.30592	.23161	.29865	.20068	.29311	.14632	.24065
1.049	15.931	1.97994	.51884	.26002	.28977	.21716	.27696	.17044	.26073	.12304	.22353
1.049	17.964	2.00411	.57710	.24309	.25395	.20039	.24760	.14043	.23393	.11163	.20359
1.050	18.963	2.01906	.60562	.23217	.23551	.18891	.23126	.12401	.22225	.10534	.19300
	GRADIENT	.01613	.02557	.00006	-.00300	-.00039	-.00057	.00042	-.00056	.00951	.01135

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.100	-2.011	1.95504	.08694	.36309	.46442	.33855	.42355	.32663	.41350	.17329	.24734
1.100	.036	1.98418	.13894	.36187	.46075	.33817	.42270	.32945	.41247	.20802	.28083
1.099	1.984	2.01570	.18607	.35969	.45792	.33680	.42150	.32665	.41143	.22110	.30178
1.099	4.064	1.99558	.23778	.35909	.43943	.33305	.41438	.32157	.40439	.22674	.30949
1.101	6.016	2.09978	.28677	.35475	.43329	.32558	.40708	.31031	.39992	.22426	.31248
1.099	7.998	2.01478	.33690	.34825	.43274	.31299	.40604	.30102	.39055	.22414	.31075
1.101	9.959	1.95867	.39138	.33531	.41508	.31040	.39144	.28503	.37786	.21694	.30476
1.100	11.929	1.93488	.44295	.32442	.38507	.29596	.36554	.26290	.35339	.20703	.29146
1.100	13.880	1.90402	.49925	.31014	.34761	.27725	.33624	.24531	.33013	.18977	.27916
1.101	15.863	1.92891	.55368	.30108	.32745	.26361	.31479	.21751	.30081	.16905	.26223
1.100	17.929	1.91656	.61146	.29392	.29146	.25192	.28361	.19273	.27216	.16303	.24442
	GRADIENT	.00754	.02477	-.00070	-.00387	-.00089	-.00143	-.00089	-.00141	.00859	.01027

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.149	-1.946	2.00096	.09382	.37567	.48602	.35270	.44206	.34322	.42715	.18713	.26017
1.151	.041	2.04945	.14635	.37068	.47879	.34913	.43738	.34022	.42377	.21850	.28886
1.149	2.010	2.03887	.19712	.36579	.47296	.34423	.43263	.33513	.41828	.22964	.30805
1.150	4.046	2.06342	.24632	.36486	.45212	.33915	.42350	.32739	.40998	.22929	.31432
1.150	6.022	2.08110	.29529	.35841	.44469	.33169	.41248	.31577	.40125	.22529	.31283
1.149	7.940	2.02883	.34465	.35630	.43820	.32196	.40880	.30612	.39203	.21964	.30852
1.151	9.996	1.80510	.39918	.35087	.41412	.32523	.38623	.29842	.37149	.21362	.29463
1.150	11.910	1.87832	.45125	.34009	.39287	.31213	.36719	.27810	.35300	.20230	.28483
1.150	13.852	1.88880	.50586	.33092	.36084	.29974	.34275	.26609	.33270	.19859	.27863
1.149	15.884	1.92111	.56398	.32720	.34347	.28926	.31995	.24461	.30934	.19055	.27230
1.150	17.883	1.90698	.62098	.32028	.30795	.28142	.28833	.22514	.27542	.17771	.26043
	GRADIENT	.00887	.02548	-.00187	-.00540	-.00228	-.00303	-.00264	-.00286	.00688	.00909

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
EREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.200	-2.026	2.04124	.10698	.37501	.49848	.35684	.44980	.34232	.42797	.17619	.24956
1.200	.095	2.05843	.14622	.37136	.48811	.35382	.44195	.34598	.42173	.22110	.28355
1.200	1.941	2.07839	.18987	.36826	.47991	.34846	.43440	.34026	.41285	.22274	.29908
1.201	4.006	2.06536	.24716	.37144	.45597	.34576	.42191	.33385	.40115	.22313	.29897
1.200	6.036	2.07288	.29461	.36872	.45044	.34156	.41175	.32512	.39359	.21446	.29609
1.199	7.909	1.93482	.34307	.37473	.44272	.33140	.40696	.31946	.38597	.22159	.29328
1.201	9.941	1.95029	.39638	.36408	.42672	.33354	.39225	.31038	.37289	.22068	.29353
1.199	11.883	1.84912	.45231	.35557	.40465	.32728	.37101	.29178	.35182	.22389	.28970
1.199	13.868	1.88859	.50824	.34682	.37657	.31452	.34599	.27963	.32738	.22091	.28524
1.199	15.898	1.90334	.56627	.34850	.36050	.30868	.31944	.26691	.29862	.20089	.27593
1.200	17.950	1.91843	.62460	.34279	.32909	.30474	.29145	.25346	.25912	.16233	.24813
	GRADIENT	.00460	.02328	-.00069	-.00682	-.00193	-.00457	-.00154	-.00447	.00722	.00823

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.299	-1.986	2.02750	.11155	.32961	.54507	.33181	.48914	.33617	.45496	.16919	.26970
1.300	-.006	2.04150	.15698	.30495	.53689	.31553	.48239	.33085	.44911	.17360	.29487
1.300	2.003	2.03338	.20647	.27892	.50628	.29100	.47198	.31738	.44070	.17588	.30396
1.300	4.023	2.04025	.25441	.23582	.49460	.26089	.45767	.29764	.43059	.18399	.30450
1.301	6.014	2.10931	.30969	.18962	.48750	.23013	.44629	.27309	.41772	.19356	.30589
1.301	7.960	2.00726	.36411	.16544	.48094	.21536	.43787	.25211	.39806	.21111	.30637
1.300	9.956	1.96155	.41228	.26983	.46213	.22890	.41794	.24675	.38016	.21280	.29772
1.300	11.944	1.91578	.46447	.34600	.44209	.29148	.40019	.26754	.35974	.19810	.27975
1.299	13.928	1.93449	.52096	.37529	.42313	.33857	.38279	.28960	.33956	.18233	.26762
1.300	15.933	1.95157	.58048	.39559	.41533	.35282	.36724	.31544	.31874	.17399	.26007
1.300	17.979	1.95510	.64047	.41007	.39525	.37299	.34998	.30858	.28544	.16227	.25191
	GRADIENT	.00150	.02386	-.01535	-.00909	-.01185	-.00524	-.00645	-.00407	.00233	.00565

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.5800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.400	-1.935	1.89879	.10997	.35968	.58037	.35907	.51918	.29796	.47360	.19347	.29328
1.400	.005	1.96467	.15137	.33948	.57690	.35472	.51667	.33663	.47270	.18444	.30381
1.400	1.991	1.97669	.19089	.30854	.53037	.33406	.50589	.35417	.46518	.19336	.30924
1.400	4.002	2.01635	.24503	.27132	.50307	.31055	.47919	.33670	.45440	.20074	.30714
1.399	6.067	2.08551	.29973	.23543	.51036	.28668	.47506	.32081	.44658	.20242	.31050
1.400	8.005	2.04772	.35125	.19910	.52058	.25918	.47621	.29989	.43144	.20906	.31686
1.400	10.062	2.06657	.41627	.17075	.51022	.22952	.46409	.27726	.42373	.18944	.30178
1.399	11.982	1.97922	.47516	.16266	.50012	.20265	.45665	.25138	.40967	.18447	.28314
1.400	13.953	1.99731	.52634	.15804	.49787	.17342	.44273	.21768	.38503	.17572	.28734
1.400	15.999	2.02063	.57717	.15430	.48259	.15125	.42856	.18697	.36652	.16673	.29123
1.400	17.976	2.03245	.63492	.18796	.46327	.13186	.41475	.15954	.34153	.15515	.27847
	GRADIENT	.01839	.02247	-.01497	-.01409	-.00841	-.00663	.00671	-.00330	.00157	.00236

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.549	-1.816	1.87177	.11521	.38777	.49547	.31404	.40963	.29496	.37646	.21786	.29293
1.550	.129	1.85364	.16344	.36443	.45612	.35976	.41700	.29772	.37405	.20940	.28489
1.551	2.137	1.87140	.20601	.34857	.44184	.35777	.41993	.29525	.37505	.20705	.28442
1.550	4.139	1.88668	.24549	.31689	.45117	.33872	.42531	.29955	.38207	.19729	.28331
1.550	6.194	1.94955	.29145	.30108	.45943	.31710	.42710	.31851	.38196	.19210	.28214
1.550	8.094	1.95764	.34101	.26943	.46313	.30283	.43112	.30265	.39404	.19579	.29249
1.550	10.106	1.95235	.40033	.23534	.44914	.29687	.42035	.30892	.39302	.17849	.29307
1.550	11.921	2.02005	.44781	.20363	.43736	.26273	.41420	.28740	.37263	.18025	.28599
1.551	13.891	2.06119	.50969	.18033	.42651	.23008	.40821	.26791	.35728	.17780	.28429
1.550	15.882	2.07760	.56582	.16142	.43929	.20172	.40578	.23971	.35396	.17413	.27860
1.550	17.910	2.10242	.62663	.13971	.50842	.17586	.42302	.20811	.35373	.16194	.27517
	GRADIENT	.00317	.02180	-.01150	-.00737	.00357	.00251	.00057	.00090	-.00322	-.00147

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.260	7.995	.04279	.35184	.41905	.43001	.38826	.38654	.36982	.34793	.25550	.25076
1.260	11.981	.05197	.45605	.40823	.39739	.37693	.35413	.33871	.31490	.25845	.24309
1.261	15.954	.03738	.56790	.39812	.37414	.35972	.32335	.31889	.27527	.21871	.22083
1.260	17.997	.04313	.62901	.39939	.34943	.36078	.30508	.30352	.23954	.19949	.21294
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.280	7.973	.02796	.35719	.41470	.43915	.38463	.39771	.37257	.35445	.25397	.24489
1.279	12.004	.03705	.46142	.41803	.40666	.38436	.36573	.34392	.32351	.24985	.22962
1.280	16.026	.02301	.57397	.41369	.38693	.37064	.33454	.32818	.28632	.22039	.22173
1.281	17.973	.02022	.63295	.42451	.36921	.37693	.32141	.31601	.25438	.20413	.21445
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.300	7.980	.02181	.35973	.38191	.45398	.36875	.41105	.36975	.36807	.24326	.25822
1.299	12.031	.02820	.46192	.42262	.42557	.39115	.38069	.34130	.33860	.23695	.23956
1.300	15.998	.01741	.57559	.42272	.40351	.37996	.35094	.33636	.30123	.21231	.22858
1.299	18.005	.01597	.63618	.43382	.38212	.38797	.33575	.32422	.26803	.20105	.22068
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.321	7.999	.01218	.36140	.30596	.46588	.29903	.42108	.31705	.37635	.23812	.26171
1.320	11.971	.02323	.46387	.41544	.43437	.38582	.38979	.33128	.34513	.21834	.24538
1.320	16.033	.01317	.57965	.42694	.41865	.38563	.36545	.34481	.31070	.21924	.23918
1.320	17.990	.01124	.63739	.44090	.39691	.40035	.35082	.33415	.28134	.20752	.22999
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.340	7.967	.00302	.36760	.25272	.47880	.27073	.43455	.30316	.39019	.24441	.27456
1.341	12.003	.01522	.47233	.40272	.45310	.35889	.40717	.31390	.36138	.22296	.25234
1.340	16.031	.00754	.58564	.42589	.43776	.38529	.38378	.35114	.32627	.21520	.25054
1.340	17.999	.00102	.64180	.43671	.41434	.40492	.36742	.34059	.29666	.21353	.24198
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (EVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.360	7.963	-.01273	.36257	.25083	.48105	.27888	.43707	.31285	.38717	.24146	.26760
1.360	12.007	-.01788	.47340	.35328	.46446	.27707	.41706	.28639	.37049	.23450	.25358
1.361	16.017	-.00678	.58358	.40592	.45075	.36195	.39573	.31771	.33616	.21992	.24163
1.361	18.000	-.00465	.63938	.41327	.42680	.39715	.37951	.33615	.30628	.20344	.23494
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.380	7.969	-.03249	.35201	.24037	.47741	.28589	.43222	.32502	.37178	.24591	.26320
1.380	11.979	-.01570	.47062	.27852	.46744	.23861	.41904	.28153	.37004	.22961	.26144
1.380	16.017	-.02373	.58004	.38194	.46317	.32617	.40502	.26981	.34444	.21272	.24177
1.380	17.982	-.02411	.63627	.37463	.44165	.36496	.39357	.31132	.31820	.20090	.23472
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.400	7.959	-.04207	.34692	.22546	.47784	.28138	.42884	.32184	.36356	.26599	.25153
1.400	11.972	-.02891	.46979	.18745	.46795	.22091	.42105	.26871	.36880	.23804	.24416
1.401	15.967	-.03620	.57378	.24771	.47023	.20016	.40156	20716	.34779	.20942	.24075
1.400	18.000	-.03889	.63398	.27969	.45173	.22556	.40461	.21565	.32214	.19328	.23308
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
1.451	8.074	-.12694	.35832	.24743	.44190	.30292	.38384	.33938	.34358	.22287	.25865
1.450	11.939	-.05444	.46720	.19402	.45055	.24356	.40447	.28637	.33765	.19953	.25530
1.450	16.053	-.11582	.57590	.20758	.48272	.19444	.40678	.22710	.35330	.19243	.23634
1.450	18.065	-.11545	.63467	.20825	.47259	.17199	.42548	.19734	.33529	.18107	.23496
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (EVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.199	-3.797	.10715	-.22261	.08092	.07000	.05401	.04164	.04166	.04091	-.09700	-.07754
.200	-1.827	.10769	-.17499	.10057	.08969	.07448	.06503	.06581	.06142	-.06508	-.04782
.199	.128	.10926	-.12918	.11314	.10077	.08987	.07530	.07971	.07312	-.03634	-.02408
.200	2.188	.11057	-.07691	.11795	.11145	.09920	.08762	.09129	.08332	-.01151	.00139
.200	4.178	.11165	-.03915	.11373	.09567	.08915	.07826	.08339	.07251	-.01321	-.00170
.201	6.184	.11272	.03327	.12605	.11531	.10388	.09667	.09461	.08955	.00903	.01899
.200	8.191	.11390	.07078	.10905	.09460	.08377	.07865	.07657	.06858	-.00556	.00594
.200	10.196	.11508	.13174	.08512	.07719	.07214	.07137	.06496	.05989	-.00688	.01033
.201	12.206	.11617	.18482	.06136	.05492	.04706	.05416	.04492	.04490	-.01362	.00776
.201	14.201	.11743	.24395	.03723	.02581	.02795	.03507	.02224	.02724	-.02195	-.00203
.201	16.191	.11849	.29663	-.00068	-.00783	-.00567	.00651	-.00853	.00151	-.03995	-.02144
	GRADIENT	.00060	.02329	.00414	.00365	.00474	.00479	.00544	.00425	.01106	.01005

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.249	-3.792	.10600	-.20278	.09693	.08963	.06924	.06193	.05760	.05830	-.07986	-.05890
.250	-1.773	.10662	-.15738	.11569	.10483	.08963	.07802	.08097	.07514	-.04976	-.03253
.250	.184	.10813	-.11414	.12445	.11357	.09909	.08890	.09331	.08457	-.01801	-.00940
.250	2.014	.04949	-.06311	.12953	.11867	.10782	.09620	.10422	.09117	.00107	.01258
.250	4.008	.05110	-.01271	.13629	.12330	.11248	.10232	.10745	.09586	.01247	.02252
.249	6.214	.11235	.04077	.12597	.12431	.11193	.10532	.10541	.09662	.01899	.02914
.249	8.120	.11321	.08859	.12576	.11118	.10607	.09726	.09734	.08710	.01591	.02680
.249	10.135	.11312	.14065	.09927	.08905	.08321	.08243	.08030	.07153	.00826	.02134
.248	12.159	.11290	.19462	.07841	.06596	.06522	.06591	.06156	.05715	.00087	.01985
.248	14.153	.11259	.25007	.04815	.03569	.04082	.04520	.03496	.03788	-.01186	.00859
.247	16.205	.11093	.30795	.01463	.00431	.01096	.01762	.00579	.01320	-.02440	-.00751
	GRADIENT	-.00853	.02446	.00479	.00420	.00541	.00511	.00635	.00471	.01216	.01073

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (EVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.398	-3.955	.08474	-.20537	.10436	.09415	.07559	.06464	.06468	.06247	-.08106	-.06120
.398	-1.919	.08234	-.16129	.11847	.10753	.09334	.07911	.08281	.07730	-.05124	-.03498
.399	.045	.08365	-.11191	.12995	.11832	.10526	.09324	.09767	.08710	-.02034	-.00846
.400	2.049	.08145	-.06516	.13112	.12171	.11085	.09814	.10617	.09383	.00011	.01090
.401	4.068	.08041	-.01097	.14150	.12780	.11806	.10611	.11232	.10037	.01311	.02351
.401	6.054	.08020	.03756	.13798	.12463	.11381	.10437	.10734	.09719	.01671	.02641
.401	10.066	.08022	.14861	.10392	.09171	.08846	.08410	.08345	.07301	.01107	.02682
.401	14.041	.08049	.25954	.05639	.03989	.04634	.04776	.04132	.04096	-.00419	.01119
.400	18.068	.08197	.37106	-.01374	-.02814	-.01767	-.00969	-.02669	-.01473	-.04574	-.02889
	GRADIENT	-.00048	.02423	.00434	.00407	.00512	.00509	.00593	.00461	.01197	.01076

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (EVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.601	-1.984	-.03546	-.15959	.13842	.12581	.10891	.09282	.10134	.09162	-.04738	-.03766
.602	2.113	-.03681	-.05615	.14622	.13933	.12609	.11209	.12267	.10885	.00778	.01479
.603	6.096	-.03828	.04782	.15418	.13973	.12821	.11714	.12102	.11115	.02555	.03224
.603	10.092	-.03644	.16225	.13746	.10704	.10974	.10027	.09422	.09294	.02304	.03072
.602	14.084	-.03439	.27640	.09237	.04380	.06746	.05183	.05718	.05748	.00334	.01291
.600	18.076	-.02931	.39057	.03770	-.00520	.01668	.00827	-.00812	.00259	-.03564	-.02142
	GRADIENT	-.00033	.02524	.00190	.00330	.00419	.00470	.00520	.00420	.01346	.01280

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (EVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.701	-1.948	-.00591	-.15123	.15632	.14485	.12610	.10962	.11964	.10729	-.03803	-.03150
.703	2.092	-.00562	-.04626	.16227	.15675	.14150	.12754	.13809	.12413	.01905	.02438
.702	6.062	-.00736	.06084	.17006	.15438	.14392	.13159	.13708	.12544	.03768	.04304
.701	10.088	-.00223	.17579	.15354	.13081	.12460	.11459	.11127	.10856	.03595	.04119
.699	14.026	.00045	.28954	.10968	.06111	.08412	.06656	.07186	.07194	.01617	.02539
.696	18.000	.00102	.39984	.06542	.01475	.03473	.02613	.00601	.02364	-.02087	-.00830
	GRADIENT	.00007	.02599	.00147	.00295	.00381	.00444	.00457	.00417	.01413	.01384

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (EVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.800	8.002	.04638	.14022	.19035	.17266	.16323	.15136	.15315	.14385	.06165	.06611
.800	12.022	.04638	.25846	.16177	.12126	.13502	.11984	.11823	.11488	.05238	.05868
.800	16.027	.04795	.37687	.12715	.07417	.08921	.07745	.06443	.06565	.02227	.03559
.799	18.019	.05142	.43600	.09975	.03954	.06330	.04739	.03073	.04682	.00559	.01658
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (EVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP10	CP11	CP12	CP13	CP14	CP15	CP16	CP19	CP20
.599	-4.003	-.03027	-.22394	.10256	.11898	.05680	.09987	.06174	.08981	-.09474	-.07276
.599	-1.912	-.03319	-.17122	.12024	.13123	.07762	.11107	.08188	.10158	-.05245	-.03721
.599	.098	-.03622.	-.11664	.13470	.13764	.09363	.11904	.09633	.10988	-.01828	-.00267
.599	2.071	-.03665	-.06278	.14244	.13934	.10459	.12107	.10674	.11335	.00083	.01725
.600	4.096	-.04260	-.00701	.14965	.14031	.11415	.12177	.11373	.11307	.01383	.02742
.599	6.060	-.04286	.04746	.15187	.13132	.11804	.11774	.11370	.10879	.02118	.03292
.600	8.065	-.04220	.10464	.14570	.12178	.11279	.10859	.10769	.10103	.02179	.03393
.600	10.055	-.04178	.16081	.11760	.10895	.10162	.09607	.09751	.08840	.01819	.02990
.599	12.082	-.04122	.21633	.10863	.09526	.08576	.08030	.07985	.07163	.01123	.02420
.598	14.035	-.03831	.27011	.07683	.06962	.06403	.05978	.05933	.05056	.00033	.01209
.599	16.091	-.03812	.32762	.04939	.04312	.03955	.03519	.03240	.02615	-.01899	-.00148
	GRADIENT	-.00139	.02687	.00578	.00252	.00703	.00267	.00639	.00290	.01342	.01264

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (FVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.202	-3.800	.12342	.37850	-.09366	-.07089	-.15018	-.14935	-.18256	-.17116	-.06466	-.06162
.200	-1.769	.11931	.32368	-.08867	-.06845	-.14628	-.14924	-.18462	-.17449	-.02271	-.02722
.200	.186	.11558	.27204	-.06903	-.05420	-.12551	-.13071	-.16662	-.15653	.02736	.01983
.200	2.183	.11190	.23502	-.05055	-.04017	-.11024	-.11924	-.15302	-.14665	.06279	.05522
.201	4.203	.10783	.18412	-.03952	-.02918	-.10107	-.11002	-.15107	-.13949	.09033	.08279
.200	6.211	.10813	.13942	-.03824	-.02857	-.09797	-.10925	-.14457	-.14044	.10390	.09328
.200	8.188	.10760	.09849	-.03200	-.02612	-.09310	-.10511	-.14035	-.13774	.11359	.10373
.200	10.192	.11433	.05458	-.03616	-.03254	-.09893	-.11400	-.14933	-.14595	.10601	.09764
.200	12.199	.10878	.01664	-.03562	-.03428	-.10152	-.11964	-.15350	-.14938	.10299	.09462
.200	14.190	.11150	-.01863	-.04591	-.04157	-.10423	-.11779	-.15468	-.15285	.09118	.08585
.200	16.206	.11339	-.05705	-.06163	-.05731	-.11404	-.12992	-.16614	-.16205	.06067	.06445
.199	18.545	.11660	-.10518	-.08315	-.07583	-.13564	-.14774	-.18476	-.17842	.01196	.02718
	GRADIENT	-.00193	-.02392	.00733	.00559	.00672	.00544	.00473	.00456	.01981	.01859

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (FVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.250	-3.994	.04844	.38073	-.08981	-.06926	-.14370	-.14721	-.17857	-.16973	-.05892	-.06101
.251	-1.991	.04767	.33741	-.06961	-.05200	-.12674	-.12809	-.16071	-.15332	-.00462	-.01172
.251	-.002	.04780	.27885	-.05746	-.04408	-.11328	-.11894	-.15592	-.14635	.03915	.02986
.252	2.006	.04717	.23612	-.04100	-.02839	-.09856	-.10560	-.14021	-.13494	.07626	.06559
.252	4.003	.04770	.18710	-.03584	-.02464	-.09549	-.09969	-.13711	-.13397	.09411	.08627
.252	6.015	.04789	.13907	-.02971	-.02349	-.09000	-.10058	-.13513	-.13340	.11072	.09720
.252	8.011	.04951	.09989	-.02675	-.01982	-.08336	-.09533	-.13050	-.13019	.12043	.10764
.249	10.215	.10299	.06657	-.02261	-.01841	-.08134	-.09505	-.12893	-.12860	.12531	.11221
.248	12.197	.09944	.02412	-.02546	-.02052	-.08524	-.10048	-.13381	-.13349	.12035	.10791
.248	14.193	.09332	-.02004	-.04043	-.03990	-.09720	-.11169	-.14495	-.14611	.09932	.09054
.248	16.215	.12333	-.05920	-.05411	-.04996	-.10666	-.12045	-.15525	-.15424	.06995	.06847
.248	18.193	.09355	-.09163	-.06690	-.06353	-.11860	-.13237	-.16563	-.16392	.03943	.04525
.248	18.546	.09286	-.09724	-.06813	-.06623	-.11912	-.13362	-.16688	-.16591	.03386	.03751
	GRADIENT	-.00010	-.02444	.00683	.00565	.00623	.00588	.00517	.00450	.01935	.01860

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.398	-3.921	.09254	.38686	-.09412	-.07190	-.15476	-.15395	-.18854	-.17816	-.05600	-.05594
.399	-1.992	.08904	.34211	-.07792	-.05829	-.13755	-.13942	-.17425	-.16615	-.00661	-.01125
.400	.004	.08506	.28862	-.05918	-.04582	-.11813	-.12387	-.15971	-.15278	.04165	.03157
.401	1.955	.08228	.24768	-.04512	-.03177	-.10500	-.11305	-.14837	-.14223	.07233	.06574
.402	4.038	.07868	.19561	-.03313	-.02364	-.09486	-.10368	-.14089	-.13589	.09881	.08990
.402	6.021	.07456	.14869	-.02694	-.01901	-.08881	-.09952	-.13659	-.13276	.11565	.10561
.402	8.027	.07702	.10644	-.02567	-.01927	-.08789	-.09974	-.13564	-.13411	.12259	.11217
.402	10.060	.07771	.06936	-.02385	-.01939	-.08677	-.10052	-.13561	-.13447	.12307	.11305
.403	12.046	.07004	.02980	-.02419	-.02127	-.08737	-.10530	-.13688	-.13766	.11863	.10824
.403	14.047	.06997	-.01198	-.03873	-.03586	-.09834	-.11241	-.14811	-.14738	.09996	.09381
.404	16.044	.06871	-.04798	-.05333	-.04860	-.10741	-.12105	-.15701	-.15554	.07500	.07536
.404	18.457	.06756	-.09384	-.07101	-.06670	-.12396	-.13683	-.17278	-.17059	.03261	.04327
	GRADIENT	-.00173	-.02401	.00778	.00619	.00766	.00638	.00609	.00545	.01953	.01853

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (FVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.600	-3.926	-.04180	.40910	-.09548	-.07481	-.16214	-.18970	-.20297	-.19599	-.04337	-.04787
.600	-1.919	-.04183	.35921	-.07503	-.05815	-.14186	-.14749	-.18396	-.17920	.00914	-.00270
.600	.047	-.02173	.30695	-.05919	-.04594	-.12345	-.13136	-.17032	-.16576	.05111	.03902
.600	2.062	-.04339	.26050	-.04214	-.03227	-.10847	-.11980	-.15605	-.15351	.08345	.07020
.600	4.067	-.02457	.21029	-.03008	-.02223	-.09714	-.10826	-.14706	-.14472	.10814	.09600
.601	6.039	-.03523	.15983	-.02276	-.01698	-.08923	-.10233	-.13979	-.13904	.12447	.11125
.602	8.092	-.03356	.11673	-.01915	-.01472	-.08449	-.09782	-.13574	-.13612	.13263	.11964
.599	10.057	-.03304	.08039	-.01807	-.01429	-.08250	-.09912	-.13571	-.13631	.13455	.12078
.600	12.033	-.02579	.03926	-.02039	-.01639	-.08554	-.10422	-.13763	-.13870	.12772	.11646
.599	14.076	-.01852	-.00444	-.03310	-.03027	-.09408	-.10915	-.14562	-.14693	.11222	.10392
.598	16.041	-.04037	-.04252	-.04806	-.04456	-.10420	-.12002	-.15478	-.15612	.08955	.08606
.599	18.555	-.03640	-.09091	-.06923	-.06605	-.12155	-.13702	-.17220	-.17221	.04822	.05254
	GRADIENT	.00164	-.02486	.00820	.00656	.00818	.00714	.00700	.00642	.01889	.01806

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.698	-4.032	.02723	.43098	-.09380	-.07216	-.16799	-.17115	-.21729	-.20872	-.03460	-.03800
.700	-1.862	-.01281	.37533	-.06849	-.05194	-.14116	-.14835	-.19089	-.18634	.02477	.00944
.702	.106	-.01359	.32265	-.05084	-.03898	-.12082	-.13138	-.17405	-.17110	.06566	.05100
.702	2.124	.00724	.27667	-.03432	-.02320	-.10425	-.11604	-.15782	-.15542	.09729	.08017
.702	4.128	-.01371	.22562	-.02111	-.01340	-.09122	-.10358	-.14544	-.14423	.11991	.10523
.702	6.108	.00084	.17276	-.01347	-.00692	-.08207	-.09569	-.13653	-.13610	.13658	.12284
.701	8.109	-.00470	.12951	-.01043	-.00588	-.07719	-.09182	-.13125	-.13221	.14482	.13067
.701	10.053	-.00545	.09424	-.00856	-.00422	-.07443	-.09265	-.12822	-.13018	.14627	.13274
.700	12.059	.00385	.05241	-.01074	-.00679	-.07611	-.09664	-.12934	-.13091	.14119	.12861
.698	14.072	-.00970	.01008	-.02362	-.02152	-.08414	-.10104	-.13514	-.13814	.12629	.11735
.697	16.054	-.00664	-.02893	-.03726	-.03457	-.09283	-.10981	-.14348	-.14469	.10392	.10062
.700	18.597	-.00415	-.07627	-.05712	-.05431	-.10978	-.12686	-.15771	-.15914	.06573	.06954
	GRADIENT	-.00311	-.02509	.00885	.00721	.00939	.00826	.00872	.00789	.01883	.01761

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (FVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.797	-4.033	.03576	.45694	-.07853	-.05734	-.16380	-.16756	-.22763	-.22035	-.01138	-.01666
.800	-1.961	.03773	.40557	-.05424	-.03659	-.13532	-.14251	-.19896	-.19365	.04701	.03137
.801	.024	.03749	.35339	-.03462	-.02165	-.11097	-.12144	-.17446	-.17128	.08680	.06950
.802	1.998	.03620	.30594	-.01706	-.00567	-.09132	-.10418	-.15274	-.15024	.11872	.09519
.799	4.038	.05047	.25617	-.00282	.00610	-.07605	-.08881	-.13530	-.13311	.13778	.12233
.799	5.997	.05202	.20088	.00541	.01344	-.06506	-.07857	-.12177	-.12009	.15515	.14098
.799	8.010	.04222	.15530	.00961	.01454	-.05784	-.07191	-.11060	-.11055	.16357	.14956
.799	10.015	.04615	.12148	.01206	.01770	-.05306	-.07089	-.10357	-.10423	.16710	.15425
.798	11.997	.05414	.08239	.01076	.01604	-.05156	-.07308	-.10017	-.10101	.16228	.15159
.799	14.004	.03374	.04109	-.00094	.00229	-.05815	-.07474	-.10109	-.10412	.15039	.14008
.799	15.993	.04293	.00110	-.01369	-.01068	-.06518	-.08265	-.10606	-.10782	.12946	.12665
.800	17.991	.04556	-.03633	-.02867	-.02460	-.07723	-.09470	-.11480	-.11604	.10203	.10599
	GRADIENT	.00139	-.02493	.00939	.00785	.01092	.00974	.01149	.01084	.01842	.01701

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (FVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.599	-3.401	-.21175	.39204	-.07881	-.07449	-.14648	-.16337	-.18659	-.19368	-.01619	-.04115
.598	-1.403	-.16908	.34488	-.06313	-.05831	-.12893	-.14559	-.17333	-.17815	.03224	.00635
.599	.646	-.12516	.28998	-.04792	-.04398	-.11249	-.12890	-.16028	-.16301	.06748	.04686
.599	2.654	-.08287	.24526	-.03364	-.02968	-.09972	-.11612	-.14816	-.15131	.09463	.07791
.599	4.671	-.04033	.19280	-.02430	-.02121	-.09025	-.10720	-.14123	-.14461	.11678	.10179
.600	6.702	.00224	.14295	-.01876	-.01727	-.08546	-.10162	-.13569	-.13995	.12995	.11641
	GRADIENT	.02124	-.02466	.00686	.00669	.00701	.00702	.00593	.00619	.01625	.01769

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (FVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.402	8.090	.07801	.10109	-.02698	-.02135	-.08890	-.09962	-.13557	-.13404	.12072	.10990
.402	10.029	.07122	.06794	-.02192	-.01860	-.08528	-.09867	-.13303	-.13265	.12479	.11283
.398	12.103	.07898	.02470	-.02856	-.02362	-.09121	-.10642	-.13951	-.13834	.11477	.10650
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.205	-1.736	.10781	.30196	-.08991	-.07704	-.15871	-.15368	-.18373	-.17795	-.01079	-.03070
.203	.234	.10590	.25395	-.07258	-.06083	-.14480	-.13900	-.17104	-.16442	.03328	.01016
.201	2.291	.10653	.20482	-.06007	-.05093	-.13367	-.12992	-.16329	-.15652	.06064	.04278
.199	4.149	.10717	.16616	-.05487	-.04770	-.12933	-.12770	-.16035	-.15851	.07867	.05895
.198	6.163	.10813	.12578	-.04354	-.04221	-.12023	-.12371	-.15491	-.15380	.09662	.07762
.199	8.167	.10866	.08180	-.04090	-.03957	-.11354	-.11846	-.15168	-.15130	.10795	.08977
.199	10.177	.10863	.04090	-.04361	-.03863	-.11503	-.12068	-.15401	-.15290	.11082	.09185
.200	12.191	.10791	-.00539	-.04726	-.04884	-.12159	-.13223	-.15946	-.16198	.10134	.07895
.200	14.188	.10786	-.05277	-.06071	-.06589	-.12879	-.13935	-.16781	-.17249	.08042	.06249
.200	16.186	.10768	-.08859	-.07146	-.07595	-.13818	-.14587	-.17722	-.17833	.06265	.04543
	GRADIENT	-.00007	-.02317	.00598	.00498	.00505	.00443	.00396	.00338	.01503	.01534

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.249	-1.876	.11068.	.34629	-.07020	-.05969	-.14059	-.13764	.23903	-.15941	.01095	-.02348
.252	.057	.05129	.29212	-.05496	-.04598	-.12566	-.12489	.22753	-.14843	.05038	.02140
.250	1.995	.05179	.25675	-.03497	-.02584	-.10934	-.10784	.23290	-.13307	.08803	.06084
.250	4.120	.11117	.20978	-.02794	-.02162	-.09976	-.10258	.21959	-.13006	.10567	.08050
.249	6.124	.11102	.16390	-.02348	-.02075	-.09701	-.10200	.21555	-.13102	.11924	.09397
.250	8.170	.11119	.12083	-.02107	-.01978	-.08988	-.09842	.22950	-.12871	.12730	.10575
.250	10.164	.11133	.07404	-.02999	-.02655	-.10102	-.10598	.23659	-.13702	.12642	.10342
.250	12.193	.11155	.03351	-.03097	-.02970	-.09974	-.11043	.25382	-.13928	.11948	.10224
.250	14.177	.11119	-.01080	-.03880	-.04115	-.10122	-.11335	.26865	-.14513	.11116	.09175
.251	15.988	.05039	-.05679	-.05111	-.05205	-.11018	-.12221	.26594	-.15303	.08624	.06985
	GRADIENT	.00039	-.02231	.00733	.00670	.00694	.00610	-.00268	.00516	.01608	.01756

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.396	-3.998	.07576	.38883	-.09151	-.07435	-.16261	-.15567	-.18585	-.17799	-.03106	-.06378
.397	-1.853	.07473	.33323	-.07355	-.06034	-.14212	-.13955	-.16889	-.16456	.01826	-.01244
.398	.077	.07433	.28240	-.05712	-.04513	-.12885	-.12708	-.15823	-.15273	.05454	.02987
.398	2.150	.07357	.23539	-.04146	-.03104	-.11493	-.11553	-.14620	-.14304	.08628	.06244
.399	4.000	.07232	.19584	-.03181	-.02411	-.10606	-.10902	-.13931	-.13848	.10607	.08418
.399	6.023	.07741	.15246	-.02261	-.01960	-.09737	-.10226	-.13322	-.13277	.12215	.09995
.399	8.015	.07766	.10975	-.02120	-.01857	-.09373	-.09980	-.13159	-.13153	.13238	.11169
.399	10.050	.07656	.06474	-.02382	-.02041	-.09524	-.10288	-.13391	-.13464	.13378	.11152
.400	12.038	.08017	.02114	-.02672	-.02606	-.09909	-.11097	-.13802	-.13992	.12612	.10586
.400	14.016	.08562	-.02076	-.03909	-.04157	-.10643	-.11637	-.14576	-.14883	.10992	.09434
.399	16.046	.08973	-.06122	-.05076	-.05249	-.11671	-.12354	-.15572	-.15492	.08694	.07717
	GRADIENT	-.00040	-.02421	.00759	.00650	.00703	.00588	.00580	.00504	.01716	.01859

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.597	-3.912	-.03110	.38957	-.09209	-.07167	-.16641	-.16447	-.20220	-.19466	-.01171	-.04681
.598	-1.986	-.03398	.34833	-.07306	-.05519	-.14610	-.14652	-.18379	-.17792	.02996	.00451
.599	.064	-.03601	.30989	-.05600	-.04380	-.12735	-.13013	-.16875	-.16385	.06861	.04448
.599	2.044	-.03658	.26841	-.03942	-.02917	-.11312	-.11809	-.15581	-.15204	.09857	.07386
.600	4.048	-.03948	.22271	-.02764	-.01924	-.10090	-.10686	-.14562	-.14319	.12072	.09760
.600	6.067	-.04003	.17570	-.02032	-.01242	-.09257	-.10102	-.13836	-.13741	.13468	.11344
.600	8.052	-.03974	.13083	-.01721	-.01063	-.08823	-.09820	-.13510	-.13532	.14355	.12243
.599	10.064	-.03939	.08575	-.01687	-.01094	-.08747	-.09682	-.13501	-.13539	.14647	.12477
.599	12.054	-.03830	.04149	-.01955	-.01514	-.09049	-.10435	-.13785	-.13892	.14026	.12025
.599	14.089	-.03841	-.00189	-.03187	-.03001	-.09751	-.10983	-.14446	-.14704	.12821	.10957
.596	16.036	-.03823	-.04401	-.04419	-.04203	-.10724	-.11861	-.15437	-.15598	.10848	.09297
	GRADIENT	-.00097	-.02073	.00814	.00656	.00822	.00720	.00707	.00645	.01671	.01794

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.699	-1.948	-.00568	.37914	-.06153	-.04957	-.15769	-.15098	.24003	-.18452	.06227	.00315
.700	.086	-.00576	.32931	-.04538	-.03811	-.13724	-.13303	.23622	-.16843	.10069	.04647
.701	2.068	-.00435	.28266	-.02949	-.02220	-.12063	-.11810	.23537	-.15294	.12159	.07922
.701	4.043	-.00724	.23792	-.01738	-.01129	-.10698	-.10596	.22035	-.14243	.14067	.10323
.702	6.053	-.00528	.19238	-.00872	-.00305	-.09608	-.09862	.21581	-.13413	.15381	.11965
.702	8.087	-.00535	.14887	-.00448	-.00250	-.08842	-.09343	.23101	-.13017	.16766	.12952
.701	10.054	-.00446	.10648	-.00411	-.00172	-.08604	-.09326	.25135	-.12816	.17155	.13484
.700	12.048	-.00496	.06479	-.00617	-.00489	-.08771	-.09782	.26649	-.12888	.16693	.13158
.699	14.091	-.00420	.02185	-.01835	-.01930	-.09254	-.10157	.27119	-.13699	.14752	.12158
.698	16.021	.00308	-.01828	-.03126	-.03128	-.10038	-.11025	.27175	-.14301	.12768	.10679
	GRADIENT	-.00016	-.02357	.00744	.00655	.00846	.00752	-.00300	.00711	.01285	.01670

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.800	-1.928	.05483	.40295	-.04825	-.03074	-.14616	-.14583	-.19337	-.19056	.08671	.03733
.800	.088	.05206	.35745	-.03056	-.01846	-.12286	-.12407	-.16969	-.16881	.12029	.07676
.800	1.962	.05047	.31434	-.01348	-.00379	-.10374	-.10775	-.14815	-.14827	.14562	.10616
.799	3.918	.04433	.27072	-.00022	.00763	-.08809	-.09305	-.13089	-.13236	.16282	.12697
.800	5.929	.04650	.22608	.00977	.01635	-.07520	-.08051	-.11566	-.11814	.17686	.14545
.800	7.964	.04279	.18128	.01554	.01936	-.06629	-.07301	-.10485	-.10894	.18562	.15741
.800	9.998	.04286	.13727	.01635	.02109	-.06166	-.06977	-.09745	-.10175	.18805	.16180
.800	11.984	.04583	.09537	.01553	.01900	-.06252	-.07295	-.09346	-.09868	.18441	.15977
.800	13.984	.05037	.05413	.00450	.00632	-.06639	-.07473	-.09630	-.10269	.17253	.15311
.800	16.014	.05429	.01297	-.00793	-.00672	-.07491	-.08140	-.10088	-.10601	.15590	.14123
	GRADIENT	-.00170	-.02266	.00830	.00668	.00996	.00900	.01077	.01005	.01308	.01538

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.850	-1.986	.06616	.42672	-.03175	-.01202	-.13070	-.13170	-.18632	-.17981	.10891	.05772
.850	-.060	.11948	.38375	-.01420	-.00019	-.10680	-.10999	-.15704	-.15405	.13922	.09508
.850	1.941	.03653	.33853	.00430	.01455	-.08482	-.09181	-.13035	-.12893	.16666	.12587
.850	3.959	.04526	.29247	.01761	.02734	-.06753	-.07433	-.10928	-.10890	.18317	.14607
.850	5.921	.04847	.25045	.02777	.03579	-.05395	-.06119	-.09218	-.09263	.19651	.16458
.850	7.977	.10302	.20504	.03457	.03914	-.04387	-.05188	-.07824	-.08071	.20499	.17630
.850	9.994	.10677	.16142	.03511	.04087	-.03891	-.04779	-.06864	-.07185	.20780	.18116
.850	12.000	.05483	.11875	.03405	.03937	-.03949	-.05054	-.06374	-.06717	.20384	.18010
.850	13.998	.09916	.07927	.02377	.02615	-.04227	-.05169	-.06403	-.06993	.19445	.17418
.850	16.000	.04033	.03836	.01220	.01358	-.05021	-.05822	-.06721	-.07226	.17953	.16402
.850	18.007	.04174	-.00052	-.00335	-.00524	-.06300	-.06829	-.07510	-.07973	.15769	.15019
	GRADIENT	-.00743	-.02259	.00840	.00670	.01065	.00959	.01299	.01199	.01260	.01489

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.902	-3.966	.12589	.50520	-.01948	.00243	-.12030	-.11412	-.18158	-.17523	.11245	.04893
.903	-2.086	.11509	.46403	.00170	.02094	-.09283	-.09057	-.14580	-.14138	.14625	.08957
.902	-.097	.10329	.41783	.01794	.03291	-.06814	-.06940	-.11377	-.11248	.17484	.12832
.898	1.907	.12601	.36871	.03268	.04402	-.04958	-.05499	-.09074	-.09050	.19630	.15548
.900	3.946	.12018	.32254	.04752	.05776	-.03060	-.03731	-.06615	-.06797	.21361	.17832
.900	5.975	.08075	.27759	.05784	.06649	-.01569	-.02451	-.04663	-.04991	.22631	.19255
.899	7.994	.10163	.23105	.06294	.06718	-.00679	-.01703	-.03407	-.03863	.23359	.20399
.896	10.011	.09172	.18753	.06191	.06657	-.00384	-.01675	-.02699	-.03287	.23453	.20502
.901	12.003	.04963	.14997	.06418	.06832	.00107	-.01610	-.01575	-.02279	.23492	.20776
.898	14.024	.07039	.10592	.05293	.05361	-.00452	-.01841	-.01816	-.02683	.22435	.20085
.895	15.974	.06310	.06450	.03911	.03946	-.01441	-.02774	-.02415	-.03206	.20839	.19057
.896	18.011	.05068	.02423	.02393	.02008	-.02567	-.03908	-.03053	-.03855	.19059	.17877
	GRADIENT	.00000	-.02325	.00831	.00674	.01122	.00953	.01441	.01337	.01271	.01636

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.949	-1.976	.07630	.49656	.04456	.06187	-.04958	-.04564	-.09707	-.09009	.18694	.12724
.950	-.019	.02780	.45196	.06040	.07353	-.02586	-.02512	-.06330	-.05942	.21343	.16495
.950	1.978	.08004	.40442	.07554	.08597	-.00627	-.00902	-.03714	-.03447	.23474	.19166
.951	3.955	.03080	.36003	.08920	.09812	.01198	.00737	-.01282	-.01270	.25231	.20858
.950	6.019	.07584	.31302	.09740	.10364	.02491	.01825	.00487	.00357	.26265	.22532
.949	7.955	.07353	.26940	.10192	.10487	.03340	.02598	.01819	.01481	.26919	.23567
.949	9.976	.07278	.22687	.10145	.10566	.03726	.02810	.02819	.02396	.27173	.24091
.950	12.045	.06039	.18256	.09918	.10309	.03686	.02347	.03356	.02877	.26647	.24067
.950	13.979	.05329	.14433	.08833	.08952	.03291	.02221	.03318	.02655	.25833	.23522
.949	16.000	.02293	.10378	.07586	.07461	.02385	.01354	.03030	.02356	.24567	.22783
.949	17.985	.04456	.06496	.05804	.05424	.00888	.00061	.02087	.01458	.22645	.21604
	GRADIENT	-.00423	-.02310	.00753	.00612	.01032	.00885	.01409	.01299	.01098	.01367

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.978	-1.925	-.00323	.51697	.07213	.08865	-.02052	-.01597	-.06221	-.05424	.21424	.15295
.981	-.047	.02611	.47417	.08622	.09967	.00249	.00420	-.03261	-.02804	.23822	.18966
.980	1.955	.02747	.42727	.10039	.11115	.02105	.01900	-.00512	-.00190	.25869	.21562
.981	3.974	.02677	.38118	.11265	.12191	.03806	.03412	.01900	.01946	.27368	.23070
.979	6.033	.02427	.33460	.12013	.12680	.05050	.04429	.03651	.03531	.28458	.24654
.980	8.012	.01845	.29135	.12495	.12825	.05953	.05228	.05114	.04782	.29154	.25728
.979	9.979	-.01260	.24842	.12288	.12740	.06228	.05241	.05930	.05460	.29268	.26028
.980	12.042	.00313	.20486	.12127	.12484	.06142	.04790	.06545	.06048	.28824	.26211
.979	13.949	-.02737	.16598	.10918	.10889	.05669	.04503	.06448	.05612	.28026	.25504
.975	16.022	-.04187	.12289	.09161	.09024	.04285	.03267	.05605	.04868	.26399	.24545
.980	18.030	-.01021	.08773	.07537	.07183	.02986	.02193	.05088	.04413	.24820	.23860
	GRADIENT	.00458	-.02306	.00689	.00565	.00985	.00837	.01375	.01254	.01007	.01312

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.051	-1.965	-.02874	.57548	.13975	.15639	.04279	.05656	.02178	.01931	.28522	.22508
1.048	.092	-.04657	.52803	.15148	.16303	.06800	.07121	.04283	.04624	.30723	.25977
1.050	1.953	-.00823	.48550	.16406	.17484	.08868	.08574	.06626	.07257	.32488	.28240
1.049	3.969	-.02458	.43825	.17161	.18063	.09928	.09504	.08599	.08691	.33533	.29307
1.051	6.022	-.02959	.39466	.17910	.18574	.11180	.10488	.10816	.10813	.34694	.30696
1.050	8.021	-.04148	.34854	.17932	.18300	.11770	.10959	.12095	.11818	.35042	.31564
1.050	9.992	-.03040	.30630	.17600	.18155	.11993	.10837	.12987	.12565	.35169	.32235
1.049	12.003	-.05588	.26177	.17149	.17456	.11564	.09883	.13350	.12808	.34714	.32033
1.049	14.001	-.05704	.22478	.15584	.15353	.10751	.09456	.13130	.12242	.33907	.31424
1.049	16.023	-.05926	.18950	.13692	.13427	.09301	.08107	.12593	.11832	.32678	.30639
1.047	18.007	-.05240	.15503	.11066	.10359	.07154	.06159	.11394	.10581	.30615	.29613
	GRADIENT	.00248	-.02310	.00550	.00429	.00967	.00661	.01098	.01164	.00854	.01153

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.102	-4.231	.02364	.66859	.18484	.20362	.08931	.10668	.05786	.06760	.32026	.24176
1.097	-3.821	-.03837	.65806	.18683	.20436	.08802	.10678	.06219	.06558	.31993	.24848
1.100	-1.932	.05600	.61632	.19822	.21659	.10738	.12298	.09113	.08985	.33656	.27717
1.101	.131	.05050	.56993	.20903	.22376	.13237	.13873	.11202	.11588	.35554	.31145
1.099	2.006	-.02897	.52567	.21858	.23179	.15087	.14893	.13258	.13967	.37024	.33362
1.096	4.060	-.02636	.47983	.22661	.23827	.16154	.15920	.15220	.15426	.38041	.34311
1.098	6.010	-.01931	.43491	.23022	.24057	.16945	.16484	.17037	.17151	.38741	.35009
1.099	8.012	-.03436	.38998	.23008	.23653	.17476	.16903	.18252	.18114	.39038	.35815
1.098	9.988	-.03625	.34859	.22467	.23368	.17487	.16611	.18980	.18712	.39066	.36373
1.098	12.021	-.02056	.30692	.21908	.22666	.16978	.15660	.19309	.18956	.38506	.36474
1.098	14.008	.00772	.27264	.20102	.20553	.15906	.15119	.18939	.18361	.37536	.36185
1.097	15.982	-.03715	.24199	.18028	.18230	.14163	.13300	.18204	.17613	.36651	.35326
1.098	18.027	-.04283	.21673	.14618	.13669	.11536	.10950	.17039	.16333	.34977	.34661
	GRADIENT	-.00362	-.02273	.00514	.00429	.00947	.00663	.01147	.01124	.00774	.01294

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-4.230	.03930	.68005	.19253	.21565	.09781	.10483	.09036	.09743	.33673	.27326
1.150	-2.009	.05902	.62728	.20537	.23303	.13429	.12945	.11618	.12689	.35534	.30021
1.150	.011	.05415	.57814	.22201	.23612	.13598	.15274	.14118	.14272	.36881	.32960
1.151	2.027	.05535	.52968	.22664	.24380	.14890	.16166	.15738	.16578	.37931	.34907
1.151	4.114	.05286	.48009	.23021	.24701	.16640	.17323	.17356	.18264	.38754	.35166
1.149	5.708	.03843	.43505	.22916	.24431	.17767	.17333	.18565	.19698	.39294	.35555
1.149	8.003	.03478	.39421	.22408	.23661	.16891	.17076	.19563	.20254	.39461	.36250
1.150	10.080	.05528	.35377	.21190	.22912	.14828	.15578	.20248	.20894	.39469	.36988
1.149	12.084	.04742	.32221	.19865	.21440	.12752	.13672	.20947	.21345	.38981	.37449
1.151	14.054	.05874	.29730	.18234	.16904	.08354	.09927	.21286	.20936	.38545	.37410
1.150	16.024	.03071	.27456	.16805	.14680	.07178	.08426	.21658	.21162	.37909	.36971
1.151	18.060	.05331	.21356	.15446	.13612	.05233	.07177	.11988	.11823	.36672	.36675
	GRADIENT	.00116	-.02401	.00467	.00356	.00736	.00817	.01003	.01011	.00607	.00994

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.200	-4.090	.04524	.67130	.19743	.23189	.12315	.12545	.10967	.11746	.35520	.30570
1.197	-1.857	.05683	.61651	.20889	.23567	.13291	.13376	.13390	.15325	.36917	.32388
1.201	.004	.04500	.56995	.20943	.23515	.13292	.15134	.17386	.17413	.38038	.35096
1.198	2.104	.05922	.51998	.21175	.24521	.14863	.15733	.18918	.18840	.38592	.36104
1.203	4.006	.04687	.47394	.21211	.24396	.15013	.16646	.19742	.19801	.39108	.36554
1.202	6.042	.04720	.43549	.21360	.23472	.14757	.16786	.20395	.21141	.39477	.36373
1.201	8.046	.04632	.40308	.20799	.20867	.13855	.16505	.21300	.21381	.39758	.36592
1.199	10.042	.06992	.37351	.20155	.19706	.11229	.12486	.21486	.21369	.39874	.37533
1.203	12.036	.06196	.34674	.19365	.18221	.10529	.11119	.21010	.20892	.39694	.38338
1.201	14.011	.05374	.30675	.18706	.17097	.09317	.10431	.12724	.13678	.39178	.38550
1.200	16.020	.04726	.23991	.17735	.15842	.06585	.09099	.07343	.07618	.38818	.38424
1.200	18.002	.04626	.17988	.17604	.15755	.04555	.07825	.05415	.06091	.38075	.38429
	GRADIENT	.00033	-.02438	.00162	.00168	.00347	.00523	.01145	.00978	.00440	.00779

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.299	-1.931	.01934	.62105	.18292	.19118	.13526	.12972	.17604	.18215	.40518	.40694
1.299	-.060	.01592	.57939	.18702	.18591	.13031	.11736	.18582	.19039	.41084	.41934
1.299	1.936	.01753	.54033	.18850	.18544	.11442	.09605	.19231	.19536	.41512	.42335
1.300	4.028	.01133	.50388	.19700	.18304	.10383	.09273	.18797	.18628	.42123	.42963
1.299	5.939	.01910	.46983	.19602	.17659	.10586	.09431	.16615	.15527	.42309	.42859
1.300	7.974	.01730	.43439	.19624	.17503	.10437	.09327	.11228	.09143	.42276	.43212
1.299	9.940	.01724	.38133	.20294	.17768	.09204	.09031	.08350	.06674	.42236	.44157
1.300	12.007	.01774	.32729	.19848	.18147	.09312	.09072	.07893	.06413	.42115	.44031
1.300	13.936	.01556	.27597	.19534	.17707	.09391	.09074	.07683	.06095	.41722	.44448
1.299	15.981	.00760	.22205	.18258	.16726	.09282	.09408	.06197	.05656	.41756	.44821
1.301	17.985	.00472	.17237	.17258	.15946	.07720	.08946	.05715	.04690	.41364	.44546
	GRADIENT	-.00113	-.01963	.00221	-.00124	-.00556	-.00663	.00209	.00083	.00264	.00361

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.400	-3.954	-.11036	.67471	.18812	.18933	.10966	.13306	.15741	.17243	.33067	.44173
1.400	-1.985	-.10562	.63773	.19160	.19281	.09321	.12045	.16470	.17386	.41406	.52401
1.399	-.031	-.08954	.59721	.19650	.20156	.09127	.11106	.15079	.16618	.43186	.49659
1.400	1.958	-.08402	.55784	.20249	.19712	.08766	.11761	.11619	.14369	.43465	.50675
1.399	3.976	-.07027	.52280	.20609	.19403	.08320	.11851	.08211	.10306	.40634	.51159
1.400	5.945	-.05978	.47532	.20953	.18992	.09332	.12203	.08029	.09599	.42851	.50418
1.401	8.006	-.04759	.41023	.20842	.19358	.09753	.11451	.07333	.09121	.44178	.50620
1.399	9.955	-.02642	.36721	.20960	.20022	.08250	.11707	.06624	.08440	.45377	.51965
1.401	11.966	-.01489	.31312	.20816	.20931	.08921	.11758	.06395	.07983	.46626	.51947
1.401	14.006	-.00833	.26001	.20071	.19964	.08501	.11205	.04840	.07563	.46704	.51824
1.400	15.969	.00264	.20784	.19471	.18989	.07950	.11320	.06430	.07089	.46382	.51516
1.399	18.004	.01303	.15355	.18800	.18413	.08401	.10909	.05198	.06512	.45732	.51156
	GRADIENT	.00514	-.01937	.00236	.00069	-.00295	-.00160	-.01008	-.00856	.00863	.00617

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.548	-3.916	-.13817	.68196	.17148	.16693	.07312	.10537	.10116	.14245	.33054	.50035
1.549	-1.929	-.13804	.64494	.17988	.16888	.07377	.11532	.05860	.10361	.35240	.39945
1.550	.009	-.13527	.60098	.18401	.16985	.08179	.11205	.05185	.08829	.37662	.42238
1.551	2.017	-.13365	.55142	.19142	.17833	.08475	.11628	.07421	.09950	.38563	.43562
1.552	4.012	-.13305	.49300	.19924	.18565	.10445	.15010	.06532	.09903	.40475	.45418
1.551	6.030	-.13215	.43896	.20420	.19370	.09147	.14155	.07028	.10104	.42270	.47886
1.550	8.072	-.12939	.41394	.19728	.19480	.07808	.13019	.08094	.10455	.43651	.48941
1.549	10.056	-.12289	.35171	.19066	.19123	.07599	.13549	.06735	.09780	.45758	.50899
1.548	12.088	-.12164	.29841	.19538	.19289	.08753	.12371	.07118	.08896	.46241	.54138
1.547	14.077	-.12430	.24918	.19302	.19455	.08682	.12333	.07057	.08296	.46258	.56925
1.548	16.089	-.12482	.19357	.18759	.19218	.08021	.12926	.05492	.07413	.46348	.57048
	GRADIENT	.00074	-.02381	.00339	.00237	.00372	.00458	-.00282	-.00458	.00917	-.00282

0A232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (FVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.899	-3.948	.09855	.50849	-.02254	-.00424	-.11911	-.11636	-.18832	-.18034	.11303	.05565
.901	-2.075	.06819	.46122	-.00101	.01461	-.09150	-.09227	-.15005	-.14571	.14419	.09745
.902	-.043	.06692	.40828	.01936	.03272	-.06579	-.07006	-.11667	-.11514	.17365	.13480
.899	1.912	.09827	.36155	.03626	.04808	-.04560	-.05340	-.09099	-.09084	.19667	.16379
.901	4.013	.07074	.31401	.05207	.06103	-.02552	-.03599	-.06654	-.06778	.21467	.18801
.901	5.955	.07160	.27247	.05990	.06681	-.01153	-.02365	-.04765	-.05028	.22806	.20201
.900	7.975	.07211	.22863	.06406	.06851	-.00229	-.01484	-.03290	-.03653	.23609	.21248
.899	9.994	.10249	.18462	.06434	.06880	.00181	-.01242	-.02392	-.02857	.23934	.21610
.898	12.001	.10169	.14137	.06279	.06643	.00156	-.01786	-.01989	-.02536	.23572	.21387
.896	13.988	.10029	.09995	.05127	.05052	-.00303	-.01917	-.02078	-.02918	.22700	.20905
.896	16.034	.10189	.05885	.03963	.03843	-.01145	-.02611	-.02461	-.03031	.21272	.20019
	GRADIENT	-.00127	-.02454	.00936	.00823	.01169	.01001	.01517	.01404	.01282	.01660

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.198	-3.971	.04792	.66942	.19790	.22808	.12438	.12697	.10907	.11617	.35800	.32571
1.201	-1.989	.04010	.61405	.20640	.23265	.13416	.13800	.13398	.15073	.37161	.34058
1.199	.078	.04963	.56245	.21092	.23732	.13879	.15322	.17214	.17038	.38259	.35673
1.202	2.000	.04339	.51296	.21307	.24436	.14234	.16080	.19110	.18657	.38978	.36927
1.199	4.043	.05307	.46555	.21265	.24581	.14949	.16747	.19768	.19740	.39222	.37394
1.201	6.037	.04176	.42487	.21371	.23993	.14901	.16662	.20776	.20785	.39632	.37858
1.201	7.984	.04268	.39263	.21075	.21357	.14232	.16365	.21098	.21285	.39943	.38363
1.199	10.068	.05987	.36004	.20461	.19856	.11194	.12390	.21543	.21412	.40125	.38970
1.203	12.004	.04966	.32813	.19286	.18182	.10992	.11394	.21144	.20712	.40125	.39271
1.203	13.983	.04857	.28258	.18648	.16889	.09438	.10617	.13760	.13982	.39767	.39548
1.195	16.063	.05945	.22113	.17716	.15543	.06652	.09282	.08145	.08036	.39138	.39343
	GRADIENT	.00069	-.02542	.00181	.00235	.00292	.00519	.01171	.00991	.00433	.00625

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (FVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.548	-3.832	-.13333	.68089	.17120	.17162	.07651	.11005	.10340	.14066	.34617	.39081
1.551	-1.943	-.13471	.64143	.17993	.16969	.07833	.11974	.06187	.10577	.35987	.41041
1.549	.059	-.13346	.59353	.18195	.17302	.08629	.11660	.06176	.08930	.38428	.43519
1.550	2.067	-.13393	.53941	.18748	.17921	.08640	.13171	.07119	.09896	.39111	.44473
1.550	4.112	-.13446	.47995	.19861	.18627	.10364	.15213	.06600	.09829	.41183	.46254
1.550	6.042	-.13399	.42865	.20273	.19190	.09571	.14580	.08266	.10004	.42743	.48317
1.549	8.081	-.13283	.40046	.19500	.19252	.08665	.13191	.08293	.10297	.44355	.49888
1.547	10.091	-.12934	.33430	.18943	.19089	.08294	.13301	.07594	.09763	.46108	.51530
1.548	12.081	-.12857	.28302	.19298	.19065	.09139	.12728	.07357	.09013	.46541	.53252
1.545	14.063	-.12931	.24229	.19269	.19251	.08930	.12546	.07037	.08411	.46911	.54315
1.552	16.095	-.12875	.18303	.18749	.18877	.08286	.13160	.05987	.07685	.46797	.54621
	GRADIENT	-.00007	-.02535	.00314	.00196	.00315	.00485	-.00323	-.00454	.00817	.00892

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.201	-1.814	1.95195	.31586	-.12064	-.04253	-.18610	-.12190	-.20766	-.14838	-.04166	.00528
.203	.154	2.06877	.26720	-.10091	-.02234	-.16847	-.10355	-.19238	-.13085	-.00343	.05293
.203	2.179	2.05506	.22477	-.08474	-.00967	-.15435	-.09087	-.18105	-.12093	.02381	.09056
.202	4.153	2.01703	.18113	-.08132	-.00556	-.15225	-.08892	-.17920	-.12204	.04013	.11237
.203	6.085	1.98186	.13193	-.07659	-.00269	-.14708	-.08763	-.17805	-.12194	.05038	.12913
.201	7.845	1.77524	.08605	-.06908	.00023	-.13775	-.06397	-.17237	-.11985	.06534	.14178
.201	9.843	1.70506	.02857	-.07087	-.00700	-.13765	-.09063	-.17276	-.12627	.06620	.13927
.201	11.747	1.82228	-.00685	-.07241	-.00837	-.14224	-.09507	-.17601	-.12798	.06079	.13835
.202	13.750	1.81071	-.04356	-.08518	-.02893	-.14859	-.10617	-.18338	-.14012	.04302	.11761
.201	15.741	1.83597	-.08346	-.10067	-.04799	-.16493	-.12050	-.19945	-.15706	.01425	.09128
.200	17.724	1.86563	-.11878	-.11529	-.06296	-.17716	-.13381	-.21407	-.16779	-.01602	.06734
	GRADIENT	.00907	-.02241	.00673	.00620	.00581	.00560	.00485	.00446	.01368	.01801

0A232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.250	-1.985	2.03946	.34373	-.09543	-.01989	-.15970	-.09679	.23209	-.12269	-.01258	.01886
.250	.185	2.06044	.29240	-.08506	-.00981	-.15467	-.08859	.22685	-.11603	.01471	.05847
.250	2.161	2.05204	.25179	-.07064	.00612	-.14031	-.07849	.22641	-.10666	.04284	.10025
.250	4.125	2.04723	.20898	-.06435	.01236	-.13179	-.07004	.22093	-.10248	.06050	.12573
.250	6.096	1.95942	.16002	-.05902	.01467	-.12917	-.07042	.21847	-.10207	.06770	.14137
.251	7.930	1.99093	.11860	-.05592	.02027	-.12146	-.06300	.22731	-.09805	.07801	.16056
.253	10.021	2.07510	.07508	-.05043	.02666	-.11354	-.05460	.24517	-.08980	.08280	.17597
.250	11.940	1.89671	.03363	-.05925	.00927	-.12498	-.07492	.25335	-.10794	.07150	.15930
.251	13.902	1.92066	-.00832	-.06879	-.00417	-.12854	-.07941	.26517	-.11514	.05782	.14738
.250	15.709	1.82131	-.05159	-.08101	-.01876	-.13694	-.09242	.26788	-.12488	.03732	.12332
	GRADIENT	.00081	-.02192	.00530	.00555	.00481	.00445	-.00167	.00345	.01219	.01786

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.401	-1.955	2.15572	.33572	-.10880	-.02228	-.17380	-.10478	-.19691	-.13239	-.02060	.02425
.401	.036	2.07651	.28951	-.09205	-.01005	-.16022	-.09539	-.18532	-.12380	.01327	.06821
.401	2.050	2.08129	.24421	-.07794	.00587	-.14753	-.08323	-.17531	-.11389	.03993	.10672
.401	4.012	2.07505	.20164	-.06836	.01380	-.13745	-.07480	-.16714	-.10733	.05859	.13377
.402	6.031	2.08018	.15961	-.05806	.01991	-.12796	-.06721	-.16115	-.10130	.07282	.15497
.402	7.898	1.95829	.10954	-.05584	.01916	-.12434	-.06688	-.15895	-.10201	.08034	.16450
.403	9.941	2.01127	.06351	-.05674	.02022	-.12418	-.06506	-.15978	-.10233	.08075	.17373
.403	11.847	1.83347	.01920	-.05522	.01109	-.12466	-.07773	-.16031	-.11122	.07977	.16137
.402	13.841	1.88477	-.02102	-.06867	-.00847	-.13318	-.08658	-.16962	-.12318	.06146	.14545
.402	15.870	1.88985	-.05673	-.07839	-.02068	-.14277	-.09482	-.17740	-.13080	.04225	.12657
	GRADIENT	-.01192	-.02247	.00680	.00624	.00611	.00513	.00499	.00427	.01327	.01844

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.700	-1.942	1.99182	.37799	-.09662	-.01217	-.18985	-.11446	.23934	-.14963	.02374	.04260
.700	.041	1.99897	.33152	-.08261	-.00001	-.17092	-.09727	.23319	-.13446	.05481	.08710
.700	2.017	1.97667	.28475	-.06657	.01460	-.15465	-.08400	.23068	-.12063	.07712	.12220
.701	3.980	1.98801	.24153	-.05552	.02604	-.14107	-.07157	.22957	-.10981	.08904	.15030
.701	6.002	2.03808	.19654	-.04857	.03514	-.13198	-.06378	.22869	-.10143	.09846	.17147
.701	7.987	2.00879	.15016	-.04403	.04091	-.12386	-.05648	.23545	-.09488	.11288	.18903
.701	9.983	2.09878	.10456	-.04341	.04174	-.12206	-.05216	.25166	-.09154	.11034	.20000
.701	11.940	1.94343	.06315	-.04357	.03516	-.12255	-.06138	.26402	-.09572	.10903	.19257
.700	13.869	1.94561	.02237	-.05302	.02015	-.12512	-.06592	.26353	-.10513	.09088	.18158
.698	15.856	1.97539	-.01858	-.06688	.00494	-.13297	-.07663	.26882	-.11210	.07218	.16467
.697	17.909	1.98493	-.05877	-.08354	-.01672	-.14536	-.09082	.26847	-.12501	.04591	.14292
	GRADIENT		-.00171	-.02311	.00706	.00655	.00824	.00719	-.00161	.00675	.01106	.01815

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.800	-3.993	2.19080	.44495	-.10983	-.00753	-.21071	-.12776	-.26315	-.17320	.00775	.03152
.800	-1.945	2.05774	.39205	-.08545	.00771	-.18052	-.10723	-.22977	-.15137	.04777	.07802
.800	-.103	2.07723	.34770	-.06957	.01933	-.15921	-.08814	-.20689	-.13318	.07387	.11595
.800	2.034	2.05185	.29860	-.05080	.03561	-.13801	-.07063	-.18187	-.11167	.09875	.15201
.800	3.997	2.07416	.25728	-.03888	.04686	-.12250	-.05593	-.16449	-.09643	.11174	.17950
.799	5.983	2.14500	.21394	-.03058	.05618	-.11080	-.04383	-.15123	-.08262	.12028	.20025
.800	7.938	2.04475	.16778	-.02300	.06204	-.09988	-.03474	-.13866	-.07254	.12825	.21588
.800	10.015	2.10130	.12575	-.02326	.06381	-.10089	-.02657	-.13150	-.06543	.12682	.22643
.800	11.935	1.89652	.09162	-.02108	.05767	-.09525	-.03712	-.12507	-.06685	.12905	.21850
.800	13.922	1.91091	.05502	-.02986	.04326	-.09751	-.04067	-.12592	-.07294	.11800	.20915
.800	15.918	1.91535	.01473	-.04315	.02899	-.10626	-.04748	-.13041	-.07714	.10005	.19631
.800	17.964	1.95964	-.02778	-.05934	.00889	-.11963	-.05856	-.13980	-.08681	.07728	.18067
	GRADIENT		-.01203	-.02348	.00884	.00685	.01096	.00903	.01228	.00968	.01297	.01852

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.850	-1.921	2.02585	.41274	-.06712	.02582	-.16289	-.08755	-.21886	-.13972	.07178	.10029
.850	.083	2.04031	.36646	-.04977	.03869	-.13800	-.06681	-.18803	-.11566	.09784	.13929
.849	1.911	2.02590	.32581	-.03278	.05249	-.11845	-.05151	-.16315	-.09421	.11847	.16965
.850	3.916	2.09145	.28117	-.01978	.06462	-.10077	-.03567	-.14107	-.07541	.13318	.19744
.850	6.055	2.08356	.23423	-.01020	.07374	-.08702	-.02356	-.12350	-.05910	.14271	.21800
.850	7.947	2.05999	.19148	-.00451	.08081	-.07731	-.01344	-.10986	-.04620	.14814	.23548
.850	10.052	2.07240	.14905	-.00327	.08241	-.07338	-.00605	-.09951	-.03767	.14768	.24533
.850	11.914	1.82452	.11900	-.00137	.07709	-.07088	-.01611	-.09222	-.03720	.14923	.23781
.850	13.904	1.94492	.08013	-.01121	.05347	-.07403	-.01734	-.09262	-.04121	.13892	.23137
.850	15.960	1.96682	.03792	-.02434	.04911	-.08251	-.02569	-.09610	-.04412	.12145	.21948
.850	17.893	1.89778	.00180	-.03908	.02994	-.09409	-.03761	-.10320	-.05300	.10257	.20607
.850	18.929	1.89398	-.01777	-.04891	.02095	-.10162	-.04581	-.10868	-.05949	.08929	.19630
	GRADIENT	.00953	-.02251	.00822	.00673	.01065	.00884	.01335	.01108	.01059	.01664

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.901	-3.993	2.11363	.49201	-.05687	.04037	-.15497	-.07839	-.21178	-.13854	.07474	.08663
.901	-1.992	2.05915	.44419	-.03497	.05701	-.12626	-.05602	-.17656	-.10708	.10844	.13217
.902	-.031	2.09186	.40095	-.01799	.07005	-.10038	-.03422	-.14338	-.07899	.13286	.17040
.901	1.956	2.05706	.35628	-.00078	.08388	-.07846	-.01790	-.11573	-.05486	.15258	.20308
.899	3.998	2.12144	.30986	.00980	.09529	-.06352	-.00308	-.09526	-.03638	.16329	.22821
.900	5.974	2.14127	.26617	.01854	.10460	-.05010	.00949	-.07721	-.01893	.17272	.24675
.900	7.870	1.98775	.22379	.02621	.10789	-.03816	.01756	-.06236	-.00741	.17918	.26038
.899	9.976	2.05688	.18386	.02510	.11047	-.03457	.02460	-.05357	.00345	.17625	.27349
.900	11.929	1.85725	.15004	.02821	.10598	-.03117	.01656	-.04372	.00518	.17970	.26574
.899	13.877	1.85070	.10999	.01756	.09136	-.03571	.01424	-.04548	-.00008	.16893	.25961
.900	15.937	1.86382	.07112	.00539	.07761	-.04275	.00691	-.04666	-.00146	.15728	.24960
.900	17.933	1.89382	.02862	-.01122	.05809	-.05539	-.00527	-.05527	-.01064	.13889	.23846
	GRADIENT	.00071	-.02269	.00840	.00686	.01157	.00947	.01474	.01287	.01109	.01776

DATE 13 FEB 80 OA232 (AEDC 16T TF431) (FVR006) (26 JUL 78)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	1076.6800 IN. XO		
LREF =	474.8100 INCHES	YMRP =	.0000 IN. YO		
BREF =	936.6800 INCHES	ZMRP =	375.0000 IN. ZO		
SCALE =	.1000				

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.949	-4.034	1.98262	.52860	-.00952	.08106	-.11339	-.03385	-.15343	-.09081	.12179	.12232
.950	-1.959	2.04477	.48173	.00861	.09997	-.08222	-.00832	-.12530	-.05406	.14874	.17113
.949	-.034	2.08820	.43947	.02308	.11030	-.05982	.00978	-.09239	-.02797	.17000	.20599
.949	1.998	2.08670	.39629	.03929	.12389	-.03895	.02636	-.06471	-.00277	.18767	.23684
.950	3.973	2.06688	.35393	.05044	.13479	-.02242	.04146	-.04204	.01662	.19867	.26136
.951	6.040	2.07599	.30909	.05880	.14167	-.00805	.05251	-.02278	.03328	.20752	.27846
.950	7.898	2.00234	.26413	.06475	.14515	.00185	.05988	-.00821	.04459	.21494	.29263
.950	9.938	2.09564	.22065	.06265	.14684	.00392	.06568	.00060	.05466	.20831	.30460
.951	11.944	1.88598	.18381	.06538	.14089	.00754	.05724	.00940	.05593	.21257	.29858
.950	13.959	1.92110	.14534	.05272	.12720	.00163	.05587	.00871	.05282	.20263	.29402
.950	15.980	1.94944	.10665	.03908	.11142	-.00733	.04668	.00602	.04969	.19009	.28409
.949	17.944	1.91873	.06785	.02182	.09062	-.02145	.03234	-.00246	.03901	.17261	.27221
	GRADIENT	.01056	-.02177	.00754	.00658	.01128	.00928	.01419	.01333	.00965	.01723

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.981	-4.081	1.97967	.55409	.01816	.11053	-.08770	-.00183	-.11201	-.05777	.15050	.15063
.980	-1.928	2.05338	.50395	.03575	.12692	-.05428	.02067	-.09048	-.02083	.17620	.19700
.978	-.014	2.04817	.46207	.04867	.13512	-.03136	.03720	-.06199	.00256	.19512	.22939
.979	2.026	2.03891	.41846	.06436	.14857	-.01155	.05345	-.03196	.02875	.21242	.26037
.979	3.994	2.05837	.37703	.07472	.15806	.00458	.06718	-.00921	.04766	.22204	.28249
.979	5.991	2.12303	.33254	.07992	.16446	.01582	.07752	.00732	.06315	.22847	.29973
.979	7.940	2.00059	.28621	.08644	.16683	.02688	.08421	.02322	.07406	.23661	.31261
.980	9.961	1.99623	.24375	.08623	.16630	.03080	.08729	.03387	.08277	.23493	.32091
.980	11.932	1.91032	.20551	.08680	.16275	.03145	.08130	.04134	.08642	.23393	.32030
.979	13.945	1.92452	.16605	.07306	.14613	.02538	.07741	.03989	.08075	.22472	.31287
.981	15.898	1.94593	.13178	.05832	.13115	.01551	.06848	.03712	.07846	.21226	.30494
.979	17.969	1.95422	.09250	.03853	.10860	-.00121	.05278	.02744	.06690	.19403	.29402
	GRADIENT	.00721	-.02187	.00706	.00581	.01132	.00850	.01313	.01297	.00893	.01629

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.051	-4.011	1.97852	.60989	.08925	.18013	-.01089	.07262	-.03819	.02513	.22777	.22561
1.050	-1.942	1.96724	.56086	.10369	.19117	.00846	.08980	-.00559	.05031	.24885	.26324
1.049	-.019	1.98685	.51658	.11454	.19885	.02989	.10517	.01550	.07497	.26508	.29671
1.050	2.009	2.02050	.47185	.12633	.21033	.05739	.11892	.04019	.10127	.27868	.32400
1.048	4.018	2.01674	.42968	.13531	.21770	.06785	.12976	.05937	.11684	.28861	.34327
1.048	6.058	2.00260	.38604	.13064	.22048	.07519	.13663	.07951	.13231	.29300	.35648
1.049	7.995	1.99003	.34296	.14100	.22145	.08506	.14215	.09489	.14307	.29842	.36910
1.050	10.014	2.15290	.30066	.13666	.22411	.08584	.14649	.10462	.15383	.29365	.38415
1.049	11.998	1.95422	.26128	.13363	.21162	.08400	.13380	.10942	.15192	.29160	.37615
1.049	13.933	1.98267	.22544	.11708	.19343	.07557	.12892	.10840	.14663	.28390	.37157
1.051	15.966	2.00396	.19470	.09814	.17531	.06095	.11619	.10468	.14284	.27030	.36374
1.050	17.958	2.01044	.16420	.07279	.14607	.03899	.09613	.09449	.12932	.25365	.35260
	GRADIENT	.00646	-.02246	.00574	.00471	.01031	.00717	.01204	.01171	.00757	.01480

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.101	-3.861	1.88250	.64737	.15619	.23846	.06298	.13894	.03970	.09430	.29096	.27975
1.101	-1.934	2.03492	.60398	.16530	.25162	.07729	.15642	.06705	.12153	.30316	.31515
1.098	.011	1.99787	.56041	.17464	.25773	.09503	.17033	.08585	.14317	.31536	.34723
1.097	1.967	2.02256	.51872	.18343	.26685	.12052	.18080	.10646	.16692	.32585	.37407
1.098	4.069	1.99743	.47416	.19121	.27217	.13093	.19036	.12637	.18151	.33315	.38911
1.102	6.028	2.08426	.43174	.19371	.27652	.13776	.19831	.14821	.19879	.33673	.40021
1.101	7.940	1.91656	.38752	.19581	.27328	.14743	.20116	.16217	.20765	.34237	.40955
1.099	10.041	2.06116	.34494	.18995	.27038	.14614	.19899	.16807	.21229	.33770	.41865
1.101	11.953	1.94800	.30797	.18442	.26190	.14245	.18979	.17386	.21445	.33366	.41703
1.100	13.871	1.91693	.27411	.16713	.24061	.13151	.18105	.17003	.20520	.32794	.41084
1.101	15.911	1.91806	.24425	.14599	.21734	.11335	.16409	.16490	.19869	.31628	.40077
1.101	17.912	1.94513	.22051	.10919	.18010	.08654	.13942	.15357	.18335	.30316	.39272
	GRADIENT	.01084	-.02184	.00446	.00417	.00905	.00643	.01076	.01110	.00541	.01401

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-3.928	2.01002	.65949	.15692	.25486	.07497	.15437	.06398	.14445	.30850	.30440
1.151	-1.962	2.04859	.61227	.17460	.26297	.09005	.17692	.08963	.15319	.32273	.33219
1.151	.008	2.05114	.56634	.18634	.27156	.10053	.18911	.11438	.17175	.33161	.36230
1.148	2.044	2.04377	.52245	.19141	.27873	.10904	.19805	.13276	.19353	.33743	.38652
1.149	4.047	2.03303	.47936	.19421	.28118	.11996	.20435	.14657	.20825	.33945	.39773
1.150	6.039	2.08258	.43204	.19109	.27961	.12917	.20411	.16031	.22150	.34310	.40410
1.149	7.933	1.93581	.39026	.18663	.27095	.13427	.20151	.17900	.22734	.34886	.41166
1.149	9.940	2.07975	.35209	.17540	.26311	.11704	.19010	.18367	.23182	.34249	.42164
1.149	11.887	1.86793	.32457	.17684	.24391	.10236	.16687	.19509	.22774	.34595	.41755
1.148	13.900	1.90021	.30016	.14447	.21338	.05210	.13205	.20144	.21974	.34193	.41745
1.150	15.857	1.87983	.28104	.13162	.19500	.03745	.11155	.19218	.21969	.33443	.41213
1.150	17.910	1.92817	.21509	.12293	.17615	.02053	.09953	.06623	.13856	.32434	.40886
1.148	18.951	1.95715	.17034	.12274	.16769	.01428	.09400	.02186	.09252	.31826	.40746
	GRADIENT	.00204	-.02255	.00457	.00343	.00546	.00606	.01043	.00842	.00383	.01207

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.200	-4.012	2.07164	.65795	.16114	.26794	.08495	.16405	.08097	.15223	.32950	.32460
1.202	-1.980	2.04860	.60608	.16355	.27189	.09890	.16971	.11228	.17477	.34029	.34521
1.201	-.016	2.05734	.55940	.16569	.27108	.10868	.17933	.14079	.20020	.34637	.37301
1.201	2.000	2.05280	.51385	.17282	.27352	.11518	.19664	.16294	.21301	.34898	.39068
1.200	3.978	2.08634	.46952	.18372	.27583	.11306	.20386	.17455	.22991	.34797	.39943
1.201	6.018	2.09593	.43189	.17905	.26564	.11045	.19919	.18115	.24169	.34956	.40581
1.200	7.937	2.07834	.39892	.17024	.25392	.10730	.18352	.18532	.24472	.35275	.41362
1.202	9.993	2.11113	.37331	.16177	.23942	.07739	.14132	.19489	.24921	.35029	.42185
1.198	11.886	1.84725	.34987	.16387	.21965	.08306	.13691	.18934	.24349	.35220	.42182
1.196	13.858	1.87298	.30384	.15647	.20545	.06964	.12585	.12691	.20537	.34904	.42367
1.204	15.934	1.90877	.22615	.14720	.18994	.04256	.11368	.04315	.08994	.34415	.42422
1.202	17.947	1.93565	.16869	.14171	.18447	.01901	.11134	.03240	.07442	.34068	.42342
	GRADIENT	.00167	-.02350	.00273	.00087	.00365	.00534	.01192	.00970	.00229	.00978

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	-4.010	1.88875	.65740	.14545	.24662	.10510	.16035	.12014	.18417	.35802	.39096
1.301	-1.957	2.02013	.61119	.14436	.24058	.10884	.16051	.13110	.20258	.37582	.40990
1.300	-.020	2.02373	.56926	.14815	.23144	.08964	.15476	.14655	.20436	.38160	.42640
1.299	1.989	2.04828	.53349	.15815	.22928	.06881	.13783	.16009	.20664	.39260	.43828
1.300	4.021	2.04597	.49926	.16015	.22847	.06367	.13163	.15881	.19753	.39390	.44459
1.299	6.015	2.11577	.46685	.16065	.22781	.06166	.13194	.13887	.17070	.39160	.44470
1.300	7.960	2.02609	.43508	.16505	.22702	.04881	.15373	.05989	.11372	.39941	.44793
1.300	9.999	2.13198	.37681	.15419	.23281	.02927	.13784	.03282	.13064	.40241	.45663
1.301	11.906	1.89701	.32844	.16270	.22524	.03478	.13764	.04044	.10869	.40590	.45747
1.300	13.940	1.94493	.27213	.15688	.22026	.03506	.13659	.03445	.10335	.40208	.46349
1.299	15.926	1.95538	.21833	.14725	.20101	.03873	.14153	.02542	.09087	.39874	.46289
1.299	17.954	1.94618	.16875	.13881	.18625	.03526	.14166	.01590	.07889	.39306	.46161
	GRADIENT	.01716	-.01969	.00216	-.00238	-.00613	-.00400	.00531	.00154	.00443	.00678

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.401	-4.020	1.91267	.66418	.14473	.23649	.06927	.17512	.12378	.20997	.33249	.45222
1.401	-1.993	1.98557	.62857	.15170	.23397	.05869	.15518	.13369	.21365	.35146	.49029
1.401	-.015	1.97644	.59121	.16208	.23849	.05681	.14790	.13626	.20856	.38515	.50208
1.402	1.977	1.98307	.55410	.16940	.24023	.05391	.14017	.10856	.17236	.40413	.50582
1.399	4.008	2.02120	.52537	.16937	.24074	.05612	.15526	.06586	.12780	.41711	.51309
1.400	6.072	2.05652	.46764	.17266	.24233	.05870	.15110	.05614	.12734	.37003	.51219
1.401	8.039	2.11415	.40823	.16348	.23687	.06848	.14214	.05312	.10991	.39142	.50974
1.400	10.071	2.19329	.34912	.16771	.24605	.06136	.12822	.06165	.10866	.41475	.51932
1.402	11.999	1.98182	.29013	.17681	.24845	.07558	.13574	.06441	.10992	.44873	.52222
1.401	14.063	2.03380	.23655	.16838	.22750	.06778	.14237	.05710	.09823	.44662	.52310
1.401	15.966	2.01402	.19693	.16598	.22332	.06384	.13837	.04737	.08873	.44007	.52154
1.399	18.004	2.01274	.15112	.16553	.21843	.06390	.14383	.03542	.08021	.43792	.51754
	GRADIENT	.01074	-.01758	.00334	.00073	-.00155	-.00273	-.00705	-.01027	.01108	.00686

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR006) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.548	-3.908	1.84243	.67814	.13540	.20570	.03812	.14613	.06997	.16481	.28418	.51923
1.548	-1.851	1.85650	.63868	.13398	.21283	.04058	.15110	.03422	.13744	.29337	.48438
1.549	.114	1.84742	.58670	.14866	.21960	.04092	.14301	.03698	.13282	.32237	.50788
1.549	2.104	1.87373	.52051	.14940	.22607	.04761	.14385	.03479	.14940	.33713	.51437
1.550	4.150	1.88358	.46411	.15132	.23335	.05266	.15834	.03805	.13896	.34886	.53379
1.551	6.220	1.91501	.41601	.15387	.24689	.05450	.15823	.03138	.11186	.35692	.55224
1.552	8.091	1.93765	.37737	.16113	.25543	.07359	.14662	.04590	.09506	.36828	.57379
1.551	10.026	2.07894	.32002	.16429	.22213	.05902	.15800	.05600	.09893	.38319	.58987
1.547	11.923	2.01404	.26438	.15454	.22636	.08813	.13094	.06851	.09875	.38902	.59514
1.546	13.900	2.04322	.21752	.16027	.22213	.07839	.13088	.06354	.09903	.39294	.60496
1.552	15.908	2.07452	.17471	.15025	.21761	.06655	.12002	.05098	.08687	.38774	.60805
1.549	17.898	2.10055	.13248	.15203	.21820	.06023	.11600	.05236	.08687	.38798	.60190
	GRADIENT	.00496	-.02721	.00235	.00342	.00180	.00087	-.00317	-.00200	.00862	.00293

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (FVR007) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.202	-1.929	-.31382	.30137	-.07997	-.08159	-.14923	-.15890	-.17426	-.18101	.00201	-.03752
.202	-.016	-.27307	.26436	-.06293	-.06595	-.13525	-.14355	-.16391	-.16855	.03913	.00301
.202	2.003	-.23081	.22878	-.04190	-.04558	-.11456	-.12424	-.14452	-.14981	.07798	.04766
.202	3.989	-.18963	.17735	-.03917	-.04354	-.11187	-.12227	-.14467	-.15207	.09276	.06453
.201	6.053	-.14550	.13001	-.03552	-.04134	-.11088	-.12279	-.14606	-.15280	.10588	.08099
	GRADIENT	.02098	-.02062	.00725	.00680	.00671	.00653	.00547	.00533	.01572	.01773

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (FVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.250	-1.734	-.25284	.33748	-.05985	-.06154	-.12906	-.13612	.24376	-.15846	.02790	-.02058
.250	.144	-.21112	.29586	-.04842	-.04721	-.11843	-.12408	.23132	-.14786	.05945	.02017
.251	2.144	-.16629	.24890	-.03277	-.02939	-.10462	-.11025	.23157	-.13535	.09030	.05898
.250	4.009	-.18457	.20381	-.03171	-.02612	-.10137	-.10777	.21792	-.13597	.10689	.07886
.250	6.242	-.07452	.15587	-.02360	-.02303	-.09297	-.10364	.21639	-.13314	.11871	.09721
	GRADIENT	.01304	-.02330	.00522	.00647	.00505	.00515	-.00400	.00417	.01394	.01754

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.404	-1.870	-.29974	.33232	-.06411	-.06469	-.13413	-.14348	-.16203	-.16853	.02808	-.01702
.404	.085	-.25709	.28825	-.04900	-.04572	-.12001	-.12783	-.14978	-.15435	.06398	.02812
.405	2.152	-.21073	.24107	-.03482	-.03267	-.11050	-.11754	-.14170	-.14585	.08987	.06097
.399	4.167	-.16669	.19751	-.02624	-.02284	-.09893	-.10735	-.13374	-.13799	.11360	.08819
.398	6.117	-.12287	.15240	-.01969	-.02136	-.09444	-.10445	-.13167	-.13669	.12506	.10273
	GRADIENT	.02208	-.02238	.00633	.00686	.00570	.00587	.00460	.00496	.01398	.01725

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.599	-1.963	-.18010	.35769	-.06474	-.06182	-.14551	-.15202	-.17613	-.18137	.04136	-.00864
.599	.091	-.16052	.31082	-.04877	-.04841	-.12804	-.13474	-.16200	-.16652	.07621	.03462
.599	2.060	-.09642	.26463	-.03400	-.03257	-.11547	-.12082	-.15037	-.15349	.10171	.06954
.599	4.128	-.06717	.21653	-.02183	-.02124	-.10339	-.10980	-.14095	-.14493	.12373	.09532
.599	6.169	-.01614	.16878	-.01716	-.01517	-.09569	-.10451	-.13539	-.13969	.13674	.11221
	GRADIENT	.01987	-.02319	.00709	.00679	.00686	.00694	.00579	.00604	.01347	.01713

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.800	-1.822	-.26162	.40476	-.03986	-.03406	-.14144	-.14773	-.18812	-.19261	.09627	.03210
.799	.082	-.21963	.35964	-.02596	-.02188	-.12233	-.12632	-.16807	-.17147	.12484	.07243
.800	2.136	-.17642	.31211	-.00863	-.00383	-.10333	-.10722	-.14557	-.14787	.14907	.10716
.800	4.197	-.13435	.26512	.00351	.00834	-.08677	-.09103	-.12812	-.13074	.16467	.13073
.800	6.281	-.08868	.21990	.01299	.01738	-.07531	-.07889	-.11430	-.11678	.17770	.15089
	GRADIENT	.02113	-.02319	.00733	.00722	.00909	.00939	.01006	.01039	.01138	.01640

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (FVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.850	-1.940	-.25143	.42915	-.02350	-.01732	-.12391	-.12858	-.17973	-.18294	.11863	.05010
.850	.144	-.26439	.38131	-.00712	-.00264	-.09969	-.10429	-.15063	-.15390	.14749	.09488
.850	2.202	-.18271	.33290	.00993	.01510	-.07962	-.08522	-.12494	-.12686	.17033	.12803
.850	4.246	-.12456	.28750	.02215	.02789	-.06328	-.06857	-.10474	-.10695	.18513	.15038
.850	6.335	-.08998	.24114	.03176	.03632	-.05010	-.05701	-.08826	-.09053	.19788	.16892
	GRADIENT	.02239	-.02296	.00747	.00744	.00980	.00966	.01216	.01237	.01079	.01621

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.900	-1.931	-.32159	.45910	.00786	.01446	-.09085	-.09498	-.14291	-.14466	.15291	.08067
.900	.161	-.27995	.41056	.02384	.02812	-.06705	-.07182	-.11175	-.11426	.17978	.12470
.900	2.233	-.20158	.36293	.04051	.04635	-.04607	-.05157	-.08410	-.08533	.20076	.15728
.900	4.321	-.18726	.31501	.05213	.05800	-.02951	-.03513	-.06302	-.06472	.21490	.17760
.900	6.393	-.14404	.26854	.06119	.06606	-.01627	-.02314	-.04493	-.04711	.22650	.19610
	GRADIENT	.02311	-.02304	.00718	.00715	.00984	.00959	.01284	.01291	.00994	.01553

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.950	-1.845	-.29388	.49445	.05217	.05966	-.04138	-.04620	-.08892	-.08896	.19640	.12414
.949	.191	-.24602	.44776	.06606	.07155	-.01989	-.02552	-.05749	-.05833	.21965	.16498
.949	2.270	-.19431	.39897	.08045	.08723	-.00044	-.00744	-.03079	-.03090	.23779	.19512
.949	4.3[illegible]	-.15003	.35069	.09205	.09827	.01587	.00885	-.00882	-.01014	.25259	.21372
.949	6.36[illegible]	-.11012	.30457	.09925	.10462	.02791	.02001	.00818	.00632	.26227	.23105
	GRADIENT	.02335	-.02320	.00648	.00635	.00923	.00885	.01290	.01275	.00902	.01443

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.981	-1.847	-.27307	.51657	.08036	.08619	-.01254	-.01614	-.05541	-.05323	.22387	.14919
.979	.196	-.19683	.46928	.09139	.09716	.00777	.00386	-.02734	-.02754	.24440	.18901
.979	2.283	-.14553	.42137	.10568	.11298	.02678	.02144	.00127	.00225	.26273	.21914
.979	4.387	-.10630	.37323	.11573	.12258	.04204	.03669	.02331	.02256	.27555	.23521
.979	6.418	-.06751	.32615	.12181	.12746	.05312	.04654	.03959	.03813	.28447	.25215
	GRADIENT	.02551	-.02299	.00579	.00601	.00879	.00847	.01273	.01237	.00833	.01384

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (FVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.049	-1.880	-.19879	.57339	.14504	.15242	.04959	.05450	.02515	.01675	.29200	.22004
1.048	.124	-.16640	.52729	.15507	.16128	.07312	.07098	.04608	.04652	.31134	.25837
1.051	2.223	-.12384	.48109	.16814	.17633	.09427	.08887	.07269	.07516	.32825	.28541
1.051	4.323	-.05623	.43210	.17563	.18373	.10462	.09970	.09186	.09210	.33762	.30175
1.051	6.472	-.01128	.38245	.17895	.18619	.11390	.10698	.11144	.11083	.34487	.31326
	GRADIENT	.02274	-.02270	.00506	.00526	.00898	.00741	.01095	.01228	.00741	.01312

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.101	-1.920	-.26974	.61489	.20763	.21243	.11726	.12090	.09922	.08837	.34669	.27231
1.098	.082	-.16714	.57042	.21423	.21886	.13831	.13449	.11500	.11217	.36187	.30707
1.101	2.167	-.16589	.52180	.22423	.23143	.15811	.15014	.14073	.14304	.37470	.33290
1.100	4.279	-.12353	.47283	.23044	.23775	.16731	.16008	.15911	.15647	.38210	.34273
1.098	6.344	-.01847	.42691	.23295	.23800	.17377	.16399	.17505	.17234	.38870	.35275
	GRADIENT	.02117	-.02296	.00379	.00428	.00820	.00644	.00994	.01136	.00575	.01143

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-1.979	-.25665	.62488	.21634	.22636	.14937	.11949	.12632	.12256	.36493	.29481
1.149	.012	-.21629	.57871	.22967	.22962	.14631	.14283	.14946	.13741	.37626	.32479
1.151	2.154	-.18449	.52635	.23330	.23928	.16014	.15518	.16630	.16244	.38457	.34638
1.149	4.267	-.12080	.47705	.23584	.24248	.17721	.16805	.18205	.17848	.39092	.34953
1.149	6.306	-.07772	.43038	.23293	.23817	.18163	.16804	.19449	.19243	.39530	.35523
	GRADIENT	.02105	-.02375	.00296	.00278	.00470	.00755	.00880	.00924	.00412	.00886

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.201	-1.981	-.26826	.62144	.22384	.22726	.14114	.13235	.14225	.14860	.37671	.32349
1.199	.093	-.23748	.56975	.22549	.22819	.14380	.15250	.17579	.16716	.38489	.34825
1.198	2.179	-.18602	.51907	.22576	.23880	.15716	.15654	.19207	.18766	.38957	.36166
1.198	4.250	-.14483	.47049	.22519	.23620	.15846	.16467	.20212	.20431	.39325	.36039
1.199	6.371	-.10171	.42926	.21887	.22347	.15521	.15833	.21146	.21595	.39557	.36278
	GRADIENT	.02030	-.02423	.00021	.00180	.00314	.00486	.00843	.00903	.00261	.00597

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (FVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.299	-1.929	-.24030	.61807	.18332	.19168	.12365	.14349	.17750	.17038	.41229	.41540
1.299	.039	-.19811	.57601	.18688	.19485	.10732	.13457	.18568	.17820	.42079	.42176
1.301	2.123	-.15392	.53713	.19138	.19047	.08773	.11690	.18210	.18223	.42694	.42551
1.300	4.246	-.10288	.50123	.19496	.18537	.08544	.11134	.17240	.18745	.43234	.42812
1.299	6.301	-.05950	.46542	.19410	.17940	.08121	.11279	.13145	.15913	.43428	.42360
	GRADIENT	.02216	-.01888	.00191	-.00115	-.00649	-.00553	-.00095	.00267	.00321	.00203

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.401	-2.028	-.17838	.63391	.20681	.17667	.10552	.09864	.16937	.13558	.43512	.49503
1.399	.076	-.13426	.59745	.20512	.18609	.10684	.09310	.17170	.12888	.45228	.46743
1.399	2.205	-.08845	.55610	.20529	.18702	.10139	.10053	.14578	.09566	.45127	.48216
1.398	4.281	-.04296	.51271	.20758	.19157	.11098	.10781	.10916	.07969	.44594	.50166
1.400	6.338	.00219	.46022	.21078	.19028	.10965	.09731	.09791	.07188	.45569	.50047
	GRADIENT	.02147	-.01923	.00012	.00217	.00051	.00166	-.00980	-.00955	.00150	.00164

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.549	-2.124	-.11464	.65447	.19765	.16894	.12083	.09013	.10765	.05137	.36183	.39521
1.550	-.045	-.05598	.60575	.19501	.17274	.11692	.08643	.10206	.06023	.38683	.43000
1.549	2.045	-.01271	.55297	.20312	.18151	.10837	.08495	.10754	.06772	.39207	.46698
1.549	4.167	.03577	.49303	.21210	.18744	.12726	.09791	.10249	.06866	.40780	.46435
1.550	6.159	.07846	.43798	.20649	.18167	.13811	.10956	.10009	.06199	.42301	.49190
	GRADIENT	.02358	-.02562	.00246	.00307	.00052	.00105	-.00048	.00283	.00683	.01164

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	8.038	.01701	.43234	.19575	.17428	.10442	.09334	.10924	.08341	.42304	.43316
1.300	11.908	.04855	.32911	.19770	.18152	.09173	.09116	.07877	.06422	.42095	.44643
1.299	15.903	.05811	.22459	.18130	.16769	.09140	.09411	.06195	.05798	.41694	.44880
1.299	17.967	.06515	.17399	.17103	.16041	.07638	.09077	.05652	.04830	.41225	.44630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.319	7.955	.00358	.44037	.20750	.17945	.07745	.10601	.10219	.07138	.43195	.44484
1.319	11.997	.03900	.31608	.22145	.18963	.07066	.09599	.08833	.06738	.43091	.45853
1.320	16.006	.05064	.21220	.17530	.17379	.07443	.09689	.07163	.04678	.42613	.45980
1.320	18.010	.05863	.16396	.16945	.16994	.06857	.08855	.05563	.04629	.42200	.45846
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.340	7.977	-.00549	.44400	.19822	.19935	.09823	.08922	.08017	.08470	.44424	.45832
1.340	12.002	.02713	.31962	.18520	.19580	.09795	.09336	.07896	.06960	.44512	.47249
1.337	16.034	.04138	.20644	.18062	.18440	.08011	.09745	.06238	.04484	.43781	.47334
1.335	18.010	.04997	.16385	.16943	.17223	.08090	.08571	.05218	.03404	.42986	.46423
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.360	7.980	-.02354	.43415	.20827	.20808	.09475	.10906	.06838	.08242	.45423	.47369
1.360	11.974	-.00388	.32698	.20106	.19547	.06206	.11008	.08110	.07471	.45587	.49016
1.360	16.056	.02824	.21180	.17897	.18964	.06893	.11299	.06558	.06042	.44953	.48955
1.361	17.986	.03881	.16839	.18965	.18846	.06913	.10671	.04745	.05516	.44236	.48594
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.378	7.985	-.03572	.43478	.21021	.19701	.09162	.12301	.09032	.08063	.46117	.49103
1.380	11.946	-.00282	.32376	.21744	.20408	.07378	.10678	.08042	.08170	.46652	.50644
1.381	16.045	.01314	.20770	.19099	.18405	.08480	.11714	.05085	.06420	.45990	.50400
1.381	17.961	.01835	.16593	.19229	.18451	.08743	.11022	.04726	.06166	.45413	.50122
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.400	7.991	-.04478	.40984	.20695	.19470	.09494	.11679	.07543	.09083	.44128	.50654
1.400	11.952	-.01467	.31290	.20758	.21016	.08790	.11844	.06487	.08044	.46443	.51863
1.401	16.014	.00039	.20624	.19332	.18803	.07817	.11355	.06433	.07024	.46293	.51545
1.399	17.971	.01113	.15459	.18711	.18497	.08292	.10883	.05100	.06546	.45721	.51197
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.450	7.985	-.07387	.40935	.20810	.18944	.11759	.11499	.08031	.08798	.44403	.53713
1.449	11.857	-.06348	.31163	.21260	.19950	.09406	.11324	.07798	.08689	.46450	.55545
1.451	16.025	-.12111	.21122	.20019	.19088	.08309	.12015	.07436	.07123	.47787	.54892
1.451	18.092	-.11734	.15762	.19609	.18275	.07289	.10760	.05750	.06246	.47482	.54199
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.201	-1.766	.11013	.32998	-.08382	-.07336	-.15244	-.14807	.23680	-.16903	-.00233	-.03160
.201	2.228	.11051	.23834	-.05107	-.04843	-.12840	-.12692	.22814	-.15053	.07024	.04186
.201	6.192	.11030	.15363	-.03502	-.03303	-.11220	-.11571	.21625	-.14306	.10720	.08287
.201	10.191	.11117	.06324	-.03613	-.03343	-.10620	-.11400	.23950	-.14279	.11901	.09466
.200	14.198	.11075	-.02877	-.05120	-.05214	-.11702	-.12779	.26303	-.15766	.09561	.07966
.201	18.204	.11088	-.09620	-.07062	-.07304	-.12823	-.14167	.26334	-.16894	.04888	.03323
	GRADIENT	.00010	-.02295	.00820	.00624	.00602	.00530	-.00217	.00463	.01817	.01839

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.397	-1.964	.08138	.34648	-.07262	-.06186	-.14458	-.14253	.24241	-.16518	.01782	-.01832
.399	2.089	.08177	.25398	-.03607	-.02845	-.11395	-.11388	.23153	-.13939	.09010	.06048
.400	6.076	.08096	.16664	-.01825	-.01567	-.09479	-.09900	.22232	-.12833	.12627	.10175
.399	10.062	.08103	.07617	-.02357	-.01903	-.09370	-.10182	.24883	-.13240	.13501	.11197
.399	14.055	.08145	-.01456	-.03718	-.03893	-.10189	-.11391	.27353	-.14569	.11330	.09532
.398	18.049	.08187	-.08565	-.06688	-.06676	-.12484	-.13690	.26835	-.16689	.05999	.04980
	GRADIENT	.00010	-.02282	.00902	.00824	.00756	.00707	-.00269	.00636	.01783	.01944

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.599	-1.951	-.03835	.35958	-.06869	-.05785	-.15696	-.15082	.24199	-.17789	.04190	-.00740
.600	2.115	-.03766	.26389	-.03664	-.02992	-.12319	-.12106	.23867	-.14999	.10341	.06691
.601	6.089	-.03856	.17344	-.01825	-.01288	-.10177	-.10376	.22341	-.13636	.13780	.10808
.600	10.078	-.03858	.08442	-.01559	-.01243	-.09355	-.10125	.25758	-.13369	.14980	.12111
.600	14.086	-.03596	.00025	-.03030	-.03115	-.10294	-.11203	.28301	-.14674	.12759	.10597
.598	18.076	-.03387	-.07664	-.06071	-.06304	-.12401	-.13451	.27896	-.16699	.07871	.06759
	GRADIENT	.00017	-.02354	.00788	.00687	.00831	.00732	-.00082	.00686	.01513	.01828

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.699	-1.936	-.00705	.37870	-.06172	-.05036	-.15725	-.15139	.23942	-.18453	.06203	.00396
.702	2.061	-.00744	.28263	-.02966	-.02240	-.12068	-.11870	.23555	-.15326	.12254	.07925
.703	6.114	-.00823	.19095	-.00905	-.00282	-.09605	-.09860	.21658	-.13385	.15399	.12036
.701	10.066	-.00679	.10648	-.00429	-.00189	-.08583	-.09332	.25166	-.12782	.17143	.13525
.700	14.084	-.00735	.02115	-.01842	-.01964	-.09261	-.10189	.27150	-.13711	.14782	.12179
.697	18.070	-.00510	-.05864	-.04884	-.05209	-.11315	-.12415	.27207	-.15465	.10012	.08694
	GRADIENT	-.00010	-.02404	.00802	.00700	.00915	.00818	-.00097	.00782	.01514	.01884

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.801	-1.983	.04709	.40998	-.04458	-.03265	-.15220	-.14429	.23674	-.19150	.09366	.02908
.800	1.919	.04480	.31820	-.01245	-.00582	-.11011	-.10751	.22770	-.14913	.15256	.09986
.800	5.912	.04296	.22760	.01116	.01553	-.07961	-.08130	.21300	-.11838	.17983	.13900
.800	9.967	.04397	.13816	.01821	.02039	-.06439	-.07117	.23388	-.10174	.19660	.15845
.600	13.967	.04370	.05201	.00534	.00540	-.06716	-.07557	.25098	-.10270	.18219	.14922
.799	18.030	.04692	-.03214	-.02496	-.02742	-.08529	-.09544	.25623	-.11568	.13617	.12149
	GRADIENT	-.00059	-.02352	.00824	.00688	.01079	.00943	-.00232	.01086	.01510	.01814

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.900	-1.953	.10581	.46117	.00423	.01905	-.10403	-.09464	.23263	-.14194	.15282	.07925
.900	1.965	.10638	.36939	.03603	.04502	-.05894	-.05677	.22737	-.08797	.20382	.15000
.900	5.944	.07905	.27981	.05952	.06581	-.02532	-.02692	.22533	-.04900	.23030	.18530
.900	9.984	.07976	.19433	.06695	.07052	-.00761	-.01480	.26966	-.02723	.24519	.20551
.900	13.992	.10739	.11169	.05543	.05541	-.00958	-.01748	.24687	-.02424	.23381	.19986
.900	17.996	.10267	.03125	.02505	.02292	-.02643	-.03676	.21770	-.03440	.19322	.17850
	GRADIENT	.00015	-.02343	.00812	.00663	.01151	.00967	-.00134	.01378	.01302	.01806

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.950	-1.973	.05681	.49891	.04801	.06130	-.05721	-.04707	.11641	-.09012	.19414	.11957
.950	1.989	.03369	.40571	.07733	.08586	-.01386	-.01028	.16790	-.03352	.24171	.18802
.950	6.006	.08435	.31520	.09894	.10397	.01893	.01719	.16475	.00407	.26870	.21998
.950	9.980	.02360	.22747	.10399	.10681	.03462	.02692	.13306	.02509	.27839	.23671
.950	14.007	.01365	.14142	.08972	.08922	.03125	.02183	.04478	.02703	.26770	.23189
.950	17.985	.00940	.05978	.05776	.05515	.01217	.00109	.04972	.01621	.23137	.21485
	GRADIENT	-.00583	-.02352	.00740	.00620	.01094	.00929	.01300	.01429	.01201	.01728

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.980	-2.021	-.00019	.52157	.07478	.08721	-.02976	-.01935	-.00323	-.05547	.22079	.14321
.979	2.041	.03281	.42639	.10181	.11010	.01329	.01592	.03089	-.00200	.26527	.21156
.980	6.025	.03086	.33607	.12164	.12707	.04493	.04286	.00627	.03604	.29136	.24120
.980	9.998	-.00454	.24796	.12545	.12825	.05971	.05081	-.01532	.05599	.29998	.25657
.980	14.003	-.02239	.16192	.11033	.10840	.05514	.04417	-.03845	.05676	.28908	.25127
.980	18.003	.00647	.08160	.07525	.07229	.03294	.02152	-.03960	.04503	.25301	.23677
	GRADIENT	.00813	-.02343	.00666	.00563	.01060	.00868	.00840	.01316	.01095	.01683

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.050	-1.995	-.02704	.57816	.14293	.15621	.03412	.05502	-.14862	.01961	.29269	.21610
1.049	2.060	-.04638	.48268	.16574	.17415	.08231	.08475	-.15152	.07297	.33211	.28069
1.049	6.072	-.02341	.39262	.17981	.18498	.10569	.10377	-.17038	.10832	.34878	.30211
1.050	10.045	-.02190	.30428	.17770	.18177	.11590	.10700	-.17521	.12633	.35894	.31922
1.050	14.074	-.00186	.22124	.15495	.15461	.10507	.09568	-.17908	.12408	.34469	.31275
1.049	18.029	-.04536	.15183	.11107	.10477	.07581	.06266	-.17780	.10827	.31077	.29676
	GRADIENT	-.00824	-.02335	.00563	.00442	.01189	.00733	-.00071	.01316	.00972	.01593

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.100	-2.011	-.01986	.61799	.19947	.21497	.09623	.11978	-.20689	.08922	.34204	.26453
1.099	2.052	-.01635	.52416	.21862	.23034	.14276	.14642	-.19824	.14056	.37531	.32778
1.100	6.005	-.02448	.43659	.22960	.23838	.16216	.16219	-.22415	.17191	.38860	.34356
1.100	10.024	-.01078	.34962	.22469	.23165	.17054	.16331	-.21081	.18776	.39668	.36026
1.100	14.083	.03931	.27692	.19957	.20225	.15638	.14830	-.18073	.18345	.38343	.35750
1.100	18.076	.03235	.23060	.14182	.13285	.11649	.10794	-.17118	.16364	.35216	.34229
	GRADIENT	.00086	-.02309	.00471	.00378	.01145	.00656	.00213	.01264	.00819	.01557

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.148	-1.987	.03939	.62726	.20769	.23189	.12040	.12537	-.13909	.12494	.36059	.28819
1.149	2.086	.03878	.53012	.22815	.24273	.14051	.16068	-.13438	.16570	.38432	.34252
1.151	6.046	.05813	.43785	.23029	.24312	.17078	.17312	-.14739	.19724	.39558	.34845
1.151	10.040	.06707	.35860	.21535	.22828	.14830	.15559	-.14237	.20974	.39942	.36570
1.150	14.088	.06219	.30191	.18021	.16736	.08660	.10335	-.12556	.20917	.39176	.36822
1.150	18.062	.05279	.22944	.15334	.13531	.05430	.07066	-.12616	.12941	.36884	.36200
	GRADIENT	-.00015	-.02385	.00502	.00266	.00494	.00867	.00116	.01001	.00583	.01334

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.200	-1.998	.05089	.61928	.20854	.23323	.11996	.13356	-.13536	.15174	.37369	.31222
1.200	2.045	.06296	.52076	.21163	.24121	.12447	.15523	-.12410	.18742	.38922	.35408
1.199	6.060	.06113	.43482	.21461	.23651	.13567	.16414	-.14362	.20600	.39590	.35156
1.199	10.055	.07340	.37368	.20121	.19420	.09548	.12324	-.13579	.21577	.40092	.37288
1.200	14.080	.06967	.31629	.18423	.16921	.07684	.10180	-.12868	.13679	.39528	.37944
1.200	18.036	.04676	.17894	.17286	.15663	.05519	.07752	-.10570	.05741	.38148	.37759
	GRADIENT	.00299	-.02436	.00076	.00197	.00112	.00536	.00278	.00882	.00384	.01035

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	-1.999	.01468	.62629	.18759	.19211	.12806	.13013	-.13476	.17930	.41237	.39511
1.300	2.014	.01629	.54307	.19163	.18628	.10278	.09617	-.13506	.19032	.42004	.41823
1.300	5.952	.01788	.47218	.19667	.17788	.10119	.09498	-.14092	.15149	.42526	.41959
1.300	9.980	.02622	.38641	.20585	.18041	.08643	.09450	-.13616	.06629	.42395	.43815
1.300	14.018	.02552	.27755	.19622	.17770	.09308	.09267	-.13633	.06054	.42162	.44434
1.300	18.041	.01847	.17381	.17182	.16003	.08278	.09192	-.13070	.04552	.41596	.44435
	GRADIENT	.00040	-.02074	.00101	-.00145	-.00630	-.00846	-.00007	.00274	.00191	.00576

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.550	-1.888	-.12793	.64466	.17880	.16839	.06522	.11533	-.11847	.10453	.35845	.39934
1.550	2.047	-.12894	.55272	.18844	.18065	.07577	.13643	-.12052	.09822	.38484	.43578
1.550	6.027	-.12802	.43420	.20353	.19269	.08736	.14650	-.13439	.10064	.42298	.48070
1.549	10.107	-.12029	.33596	.18912	.19139	.06832	.13496	-.12866	.09840	.49424	.50881
1.550	14.069	-.12162	.22450	.19481	.19223	.08211	.12202	-.13146	.08649	.51995	.56312
1.549	18.098	-.13278	.13174	.18837	.18386	.07674	.11651	-.15503	.06506	.46624	.59596
	GRADIENT	-.00026	-.02336	.00245	.00311	.00268	.00536	-.00052	-.00160	.00671	.00926

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.219	8.054	2.02335	.40843	.17104	.24013	.06711	.14795	-.13637	.24700	.36010	.40659
1.219	11.957	2.18803	.35951	.15963	.22263	.05121	.13169	-.14359	.23041	.35527	.42748
1.220	16.095	2.11806	.22544	.14355	.19570	.03479	.11855	-.14318	.09704	.34663	.43193
1.218	18.084	2.07728	.17313	.13772	.19134	.02097	.11789	-.11968	.08974	.34189	.43188
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.240	8.054	2.02446	.40987	.16216	.22451	.06591	.13836	-.13250	.23805	.36733	.41037
1.240	11.968	2.04950	.33768	.16505	.22185	.04989	.13428	-.13880	.11444	.36563	.42798
1.238	15.977	2.04826	.22059	.14920	.19799	.03785	.12924	-.13787	.08435	.35708	.43536
1.239	18.079	2.06859	.16945	.13906	.19250	.02504	.12298	-.12269	.07534	.35340	.43613
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.260	8.045	2.01750	.42630	.15627	.20981	.05524	.13139	-.13679	.21721	.37733	.41972
1.259	11.981	2.04742	.33504	.17579	.20895	.06376	.11392	-.14096	.10618	.37426	.44162
1.258	15.984	2.06836	.21547	.16504	.19933	.04852	.12301	-.14238	.07945	.36603	.45051
1.258	18.096	2.03443	.16914	.15113	.19156	.04054	.11694	-.12522	.06881	.36358	.44847
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.280	8.039	2.03566	.43477	.16527	.21994	.07289	.13762	-.14010	.11761	.38955	.43130
1.280	11.999	2.06283	.32201	.18068	.23037	.06423	.13024	-.14501	.07520	.38204	.45168
1.280	15.970	2.02933	.21261	.15821	.21045	.05764	.14268	-.14816	.06784	.37810	.46193
1.279	18.105	2.03235	.16450	.14296	.20370	.04944	.13218	-.12595	.06176	.37467	.46006
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	8.026	2.01617	.44324	.15766	.22520	.05948	.14153	-.14693	.10979	.40262	.43863
1.300	11.917	2.16776	.32057	.16787	.23451	.06091	.13806	-.14643	.10620	.39438	.46169
1.300	15.977	2.01801	.20729	.14912	.20909	.05994	.14099	-.14242	.09415	.38819	.47034
1.301	18.072	2.03973	.16008	.13941	.20153	.04610	.13695	-.11769	.09112	.38612	.46854
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.320	8.006	2.01764	.44577	.16729	.23124	.05072	.13526	-.14857	.11849	.41619	.44817
1.321	12.016	2.04958	.31360	.15975	.23379	.04151	.13932	-.14755	.11438	.40771	.46911
1.319	15.986	2.02529	.20533	.13786	.21129	.04749	.14272	-.15238	.09326	.39943	.47821
1.321	18.067	1.99448	.15650	.12781	.20859	.05043	.13094	-.13021	.08662	.39609	.47432
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.341	8.001	2.01912	.44823	.16301	.23564	.05628	.14661	-.14947	.11005	.42979	.46475
1.340	12.007	2.03843	.30935	.15408	.24162	.05091	.14663	-.15103	.12352	.42066	.48346
1.340	15.979	2.02636	.20128	.14941	.22432	.04493	.14715	-.14940	.10842	.41088	.49212
1.340	18.098	1.98389	.15441	.14064	.22035	.04384	.14337	-.14386	.09796	.40962	.48632
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (FVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.360	7.994	2.01203	.44108	.16809	.23887	.05597	.15415	-.14953	.11436	.43753	.47572
1.360	11.935	2.00672	.31036	.16610	.23991	.04656	.14088	-.15793	.11728	.43578	.49504
1.360	15.984	1.97916	.19996	.14658	.22661	.04087	.15148	-.14483	.09502	.42192	.50231
1.360	18.040	2.01337	.15365	.14614	.22516	.05165	.14303	-.13472	.09523	.41493	.49622
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.380	7.981	2.00908	.43086	.18566	.24647	.05914	.15617	-.14395	.12028	.44175	.48520
1.379	11.957	1.96863	.31050	.17792	.24140	.05233	.14303	-.15106	.10450	.44694	.50826
1.381	15.941	1.97776	.19461	.15333	.21928	.06375	.15489	-.15248	.09742	.42676	.51297
1.381	18.045	1.95208	.14979	.14791	.21987	.05380	.14423	-.13904	.09267	.42090	.50600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.401	7.957	1.99119	.42738	.16784	.22685	.06926	.15710	-.14378	.11758	.44768	.49742
1.400	11.908	2.07310	.30051	.16360	.24388	.06147	.15098	-.15899	.11361	.44449	.51840
1.399	15.912	1.94836	.19468	.15597	.22811	.05693	.15055	-.15802	.10608	.40075	.52185
1.401	18.020	1.94410	.14204	.14992	.22149	.05409	.14364	-.14558	.09833	.39977	.51378
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.450	7.958	1.97132	.42139	.17222	.22205	.05843	.14495	-.13418	.10379	.46630	.52951
1.450	11.985	1.88933	.30604	.15918	.24184	.07387	.15291	-.15875	.10977	.45733	.54944
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.450	16.008	1.95034	.20243	.14066	.23180	.05182	.15703	-.15684	.10825	.39964	.55156
1.449	17.954	1.92855	.15472	.13011	.23058	.04102	.14257	-.15039	.09943	.40247	.54069
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.200	-1.724	.10896	.31548	-.09159	-.07027	-.14683	-.15101	-.18379	-.17417	-.02416	-.02482
.202	.162	.10889	.27595	-.06663	-.05122	-.12404	-.13315	-.16482	-.15601	.02266	.01984
.202	2.150	.10901	.23675	-.04817	-.03202	-.10553	-.11605	-.14913	-.14172	.06302	.05733
.200	4.102	.10890	.18017	-.05064	-.03712	-.10740	-.12239	-.15668	-.15059	.07869	.07001
.199	6.155	.10895	.13725	-.04010	-.02937	-.09290	-.11162	-.14686	-.14072	.10024	.09076
.200	8.172	.10944	.09469	-.03237	-.02603	-.08474	-.10761	-.14257	-.13862	.11184	.10172
.200	10.191	.10956	.05269	-.03393	-.02684	-.08300	-.11105	-.14477	-.14081	.11544	.10381
.200	12.186	.11012	.01109	-.03492	-.02858	-.08598	-.11321	-.14394	-.14143	.10892	.09805
.200	14.194	.11033	-.03946	-.05229	-.04815	-.10029	-.12669	-.16015	-.15768	.08526	.08162
.199	16.200	.11056	-.08657	-.07115	-.06552	-.11195	-.14098	-.17428	-.17105	.05636	.05487
	GRADIENT	-.00000	-.02287	.00724	.00608	.00701	.00528	.00497	.00435	.01790	.01652

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.250	-3.986	.04782	.38308	-.09062	-.07437	-.16035	-.14805	.22973	-.16914	-.05395	-.06107
.251	-2.079	.04761	.33960	-.07194	-.06004	-.14268	-.13403	.23646	-.15641	-.01048	-.01759
.251	-.007	.04722	.29196	-.05673	-.04482	-.12876	-.12084	.22967	-.14673	.03670	.02672
.252	1.932	.04728	.24999	-.03936	-.03029	-.11544	-.11040	.22556	-.13762	.07370	.06017
.253	3.917	.04702	.20103	-.02917	-.02230	-.10287	-.10211	.21272	-.13037	.09999	.08521
.254	5.951	.04749	.15939	-.02412	-.01866	-.09557	-.09692	.21658	-.12652	.11669	.10193
.253	7.977	.04765	.12125	-.02235	-.01756	-.09204	-.09480	.23992	-.12596	.12830	.11277
.252	10.002	.04759	.07365	-.02081	-.01811	-.09255	-.09533	.24523	-.12748	.12836	.11339
.251	11.976	.04770	.03022	-.02498	-.02226	-.09666	-.10520	.25566	-.13406	.12411	.10829
.252	13.990	.04751	-.01458	-.03810	-.03830	-.10294	-.11071	.26506	-.14298	.10582	.09438
.253	16.030	.04821	-.05732	-.05310	-.04908	-.11182	-.11741	.26634	-.14946	.07850	.07706
	GRADIENT	-.00010	-.02290	.00784	.00676	.00717	.00583	-.00227	.00486	.01979	.01869

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.399	-1.885	.08248	.34195	-.06884	-.05107	-.12585	-.13316	-.16301	-.15757	.00341	.00228
.399	.013	.08249	.29709	-.05255	-.03794	-.11200	-.12239	-.15288	-.14783	.04538	.03838
.401	1.980	.08196	.25020	-.03580	-.02357	-.09643	-.11062	-.13939	-.13744	.07850	.06842
.400	3.996	.08186	.20373	-.02760	-.01763	-.08694	-.10391	-.13591	-.13277	.10387	.09140
.401	5.974	.08179	.15883	-.02142	-.01417	-.07758	-.09841	-.13076	-.12878	.12035	.10671
.400	8.006	.08143	.11332	-.02014	-.01441	-.07341	-.09665	-.12952	-.12908	.12918	.11509
.401	10.007	.08146	.07192	-.01586	-.01171	-.06765	-.09462	-.12960	-.12686	.13449	.12010
.400	12.047	.08106	.02580	-.02433	-.01901	-.07642	-.10548	-.13444	-.13519	.12454	.11124
.399	14.037	.08164	-.01750	-.03419	-.03318	-.08446	-.11086	-.14184	-.14299	.10921	.09706
.399	16.028	.08161	-.05724	-.04818	-.04563	-.09063	-.11896	-.15108	-.15108	.08581	.07953
	GRADIENT	-.00012	-.02354	.00715	.00584	.00674	.00507	.00482	.00432	.01703	.01514

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.600	-1.874	-.04319	.35866	-.07127	-.05373	-.13942	-.14825	-.18038	-.17651	.01392	.00225
.600	.028	-.04294	.31376	-.05448	-.04379	-.12114	-.13274	-.16732	-.16360	.05404	.04300
.601	2.030	-.04326	.26509	-.03742	-.02810	-.10423	-.12010	-.15218	-.15067	.08863	.07398
.601	4.126	-.04440	.21684	-.02563	-.01559	-.09131	-.10962	-.14295	-.14246	.11553	.09809
.602	6.079	-.04259	.17112	-.01930	-.01167	-.08117	-.10320	-.13626	-.13661	.13103	.11191
.602	8.055	-.04281	.12679	-.01619	-.01063	-.07392	-.09919	-.13293	-.13430	.14090	.12144
.601	10.054	-.04134	.08238	-.01458	-.01227	-.06905	-.10041	-.13304	-.13562	.14383	.12363
.601	12.077	-.04001	.03834	-.01712	-.01396	-.07584	-.10648	-.13445	-.13772	.14391	.11789
.600	14.076	-.03673	-.00537	-.02788	-.02525	-.08329	-.11056	-.14409	-.14601	.12338	.10832
.600	16.039	-.03301	-.04539	-.04600	-.04030	-.09025	-.12029	-.15297	-.15525	.10020	.08945
	GRADIENT	-.00020	-.02370	.00768	.00651	.00805	.00641	.00636	.00574	.01693	.01588

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.700	-2.035	-.00730	.37760	-.07218	-.05435	-.14848	-.15570	-.19188	-.18805	.02407	.00651
.699	.139	-.01408	.32461	-.05226	-.04028	-.12413	-.13616	-.17276	-.16987	.06994	.05088
.700	2.072	-.00653	.27779	-.03514	-.02480	-.10639	-.12198	-.15657	-.15462	.10323	.08282
.701	4.008	.00230	.23234	-.02294	-.01301	-.09295	-.10892	-.14510	-.14423	.12435	.10615
.701	6.043	-.00304	.18596	-.01394	-.00535	-.07937	-.10087	-.13532	-.13566	.14207	.12204
.701	8.045	-.00475	.14232	-.00994	-.00397	-.07138	-.09576	-.12993	-.13150	.15250	.13273
.701	10.045	.01324	.09858	-.00754	-.00363	-.06447	-.09457	-.12718	-.12915	.15626	.13583
.699	12.024	.00462	.05551	-.00965	-.00434	-.06788	-.09926	-.12655	-.12963	.15717	.13236
.699	14.070	.01926	.01053	-.01944	-.01539	-.07573	-.10214	-.13397	-.13624	.14270	.12258
.698	16.050	.07620	-.03704	-.03651	-.02958	-.08157	-.11064	-.14155	-.14343	.11706	.10867
	GRADIENT	.00176	-.03406	.00823	.00695	.00921	.00772	.00782	.00733	.01672	.01654

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.800	-3.954	.04038	.45355	-.07501	-.05719	-.18283	-.17106	.24196	-.21911	.01163	-.01761
.800	-1.973	.04221	.40501	-.05334	-.03721	-.15532	-.14727	.23908	-.19342	.05881	.02875
.800	-.059	.04052	.35963	-.03511	-.02458	-.13199	-.12786	.23168	-.17258	.09723	.06858
.800	1.946	.03434	.31310	-.01708	-.00766	-.11104	-.10959	.22910	-.14957	.13047	.10292
.800	3.976	.03163	.26729	-.00287	.00483	-.09356	-.09409	.22129	-.13295	.15233	.12482
.799	6.001	.03136	.22152	.00730	.01423	-.07896	-.08239	.21917	-.11849	.17321	.13986
.800	7.989	.03248	.17920	.01149	.01586	-.06886	-.07414	.23147	-.10925	.18340	.15229
.800	9.976	.03421	.13667	.01647	.01761	-.06460	-.07186	.23886	-.10258	.18754	.15769
.800	12.010	.03508	.09357	.01589	.01761	-.06343	-.07554	.24562	-.09884	.18482	.15533
.800	14.004	.03785	.05259	.00535	.00541	-.06692	-.07637	.25144	-.10234	.17385	.14921
.800	15.992	.04120	.01275	-.00882	-.00740	-.07329	-.08356	.25424	-.10620	.15164	.13626
	GRADIENT	-.00129	-.02348	.00912	.00776	.01126	.00968	-.00259	.01092	.01783	.01813

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.850	-4.019	.09121	.47909	-.05274	-.03385	-.16598	-.15502	.23969	-.21374	.04036	.01249
.849	-2.012	.03418	.43288	-.03120	-.01416	-.13718	-.13000	.23253	-.18144	.08600	.05569
.850	-.045	.09397	.38415	-.01336	-.00177	-.11114	-.10816	.23346	-.15412	.12413	.09409
.850	1.982	.03182	.33759	.00401	.01370	-.08942	-.09002	.23008	-.12864	.15523	.12707
.850	3.930	.03660	.29297	.01840	.02691	-.07189	-.07314	.22505	-.10873	.17494	.14803
.850	5.964	.09852	.24682	.02863	.03545	-.05666	-.06072	.21886	-.09191	.19512	.16138
.850	7.991	.10075	.20254	.03240	.03675	-.04573	-.05098	.22504	-.08045	.20452	.17367
.850	9.991	.10357	.15981	.03789	.03998	-.04038	-.04865	.23294	-.07184	.20890	.17904
.850	12.013	.04696	.11692	.03661	.03891	-.04039	-.05209	.23904	-.06759	.20513	.17617
.849	14.018	.05126	.07535	.02562	.02616	-.04344	-.05203	.24581	-.06994	.19545	.17086
.850	16.010	.05727	.03468	.01189	.01369	-.04893	-.05894	.24380	-.07191	.17468	.15871
	GRADIENT	-.00564	-.02350	.00892	.00751	.01186	.01024	-.00160	.01322	.01702	.01722

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.9100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.899	-1.933	.13339	.45652	-.00055	.01840	-.09072	-.09566	.23582	-.14155	.11661	.09326
.900	-.054	.09408	.41289	.01698	.02924	-.06513	-.07560	.23023	-.11447	.15198	.12728
.900	1.933	.12022	.36599	.03355	.04505	-.04201	-.05672	.22331	-.08737	.18285	.15818
.900	3.933	.07374	.32028	.04767	.05686	-.02344	-.03984	.23355	-.06650	.20602	.17687
.900	5.933	.08423	.27456	.05739	.06540	-.00759	-.02611	.22932	-.04833	.22134	.19117
.899	7.938	.11119	.22899	.06056	.06618	.00222	-.01714	.25900	-.03707	.23087	.20286
.900	9.976	.08633	.18408	.06623	.07055	.01347	-.01500	.26726	-.02759	.23526	.20617
.900	11.997	.06858	.14127	.06552	.06893	.01517	-.01679	.25259	-.02155	.23361	.20412
.900	14.015	.12082	.09880	.05459	.05607	.00686	-.01708	.24205	-.02345	.22476	.20030
.900	15.994	.10687	.05608	.04068	.04363	.00462	-.02487	.23106	-.02603	.20981	.19124
.900	18.001	.11208	.01325	.02129	.02360	-.00761	-.03568	.20668	-.03384	.18641	.17821
	GRADIENT	-.00778	-.02326	.00822	.00670	.01147	.00951	-.00068	.01287	.01525	.01436

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.950	-3.991	.02209	.54434	.02731	.04429	-.08608	-.07181	.16002	-.12207	.12291	.09276
.950	-2.011	.06000	.49781	.04511	.06099	-.05763	-.04884	.13104	-.09042	.15987	.12941
.950	.026	.02621	.44924	.06114	.07251	-.03296	-.02823	.16107	-.05916	.19521	.16609
.951	1.927	.02801	.40621	.07546	.08543	-.01278	-.01180	.16137	-.03407	.22156	.19405
.950	3.960	.03426	.35976	.08883	.09720	.00510	.00405	.17608	-.01300	.24294	.21282
.950	5.989	.03247	.31475	.09767	.10365	.02010	.01655	.15927	.00413	.25570	.22336
.950	7.985	.08217	.27205	.10131	.10354	.02953	.02462	.13251	.01528	.26470	.23357
.949	9.968	.08615	.22934	.10395	.10667	.03464	.02597	.10450	.02405	.26856	.23906
.950	12.032	.07405	.18670	.10246	.10402	.03462	.02183	.09186	.02982	.26477	.23691
.950	14.000	.01458	.14596	.09016	.08995	.03116	.02173	.04076	.02693	.25850	.23295
.950	15.959	.03634	.10544	.07630	.07518	.02510	.01288	.04527	.02385	.24230	.22340
.950	18.010	.01165	.06563	.05521	.05500	.01225	.00048	.04812	.01581	.22745	.21333
	GRADIENT	-.00039	-.02323	.00773	.00656	.01145	.00952	.00316	.01384	.01521	.01536

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.978	-1.951	.03949	.51531	.06940	.08754..	-.01777	-.01989	-.00067	-.05472	.18342	.15885
.979	.004	.02178	.47003	.08537	.09869	.00700	.00058	-.01299	-.02791	.21690	.19218
.980	1.929	.04838	.42491	.09949	.11151	.02863	.01644	.00176	-.00080	.24438	.21837
.980	3.952	.02860	.37809	.11183	.12116	.04602	.03123	-.00451	.01971	.26577	.23477
.980	5.970	.02823	.33260	.12026	.12691	.06082	.04341	-.01066	.03673	.27914	.24745
.979	7.957	.02060	.28731	.12163	.12652	.06992	.05136	-.01638	.04766	.28664	.25694
.977	9.994	.00535	.24045	.12371	.12814	.07778	.04966	-.01896	.05371	.28857	.25703
.980	12.005	.06057	.19784	.12153	.12632	.07941	.04800	-.03174	.06192	.28756	.26009
.977	13.977	-.01122	.15386	.10862	.10834	.06874	.04375	-.02799	.05533	.28016	.25167
.978	16.022	.03146	.11081	.09226	.09372	.06466	.03547	-.03371	.05283	.26261	.24483
.978	18.021	-.00828	.07163	.07380	.07168	.05235	.02150	-.04472	.04390	.25059	.23178
	GRADIENT	-.00034	-.02326	.00720	.00579	.01084	.00861	.00015	.01274	.01397	.01292

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.050	-4.011	-.04137	.62380	.12659	.14329	.01311	.03410	-.15050	-.00486	.23101	.19717
1.050	-2.006	-.03995	.57715	.14020	.15564	.03628	.05342	-.14714	.01902	.25979	.22722
1.050	-.055	-.05610	.53045	.15204	.16267	.06211	.06821	-.14548	.04576	.28830	.26064
1.050	1.946	-.05909	.48383	.16373	.17361	.08452	.08262	-.14851	.07203	.31338	.28607
1.050	3.967	-.03072	.43867	.17357	.18178	.09634	.09394	-.15349	.08860	.33077	.30050
1.050	5.950	-.02846	.39524	.17886	.18491	.10816	.10201	-.16916	.10753	.34027	.30886
1.050	8.010	-.04364	.34914	.17899	.18188	.11597	.10775	-.17052	.11851	.34685	.31253
1.050	9.991	-.02923	.30580	.17807	.18135	.11832	.10516	-.17679	.12490	.34816	.31927
1.050	11.987	-.05063	.26574	.17298	.17507	.11440	.09641	-.17428	.12858	.34617	.31678
1.050	14.029	-.04983	.22825	.15513	.15420	.10589	.09364	-.18745	.12310	.33839	.31142
1.049	15.995	-.05507	.19534	.13545	.13476	.09543	.08052	-.18025	.11857	.32420	.30391
1.050	17.990	-.04488	.16764	.10802	.10470	.07711	.06262	-.16997	.10809	.30963	.29429
	GRADIENT	.00013	-.02328	.00590	.00477	.01078	.00748	-.00037	.01205	.01271	.01333

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.101	-1.969	.03297	.61748	.19733	.21694	.11263	.11476	.09306	.09168	.30721	.28346
1.099	.055	-.02458	.56774	.20610	.22273	.13772	.13095	.11057	.11440	.33327	.31408
1.099	2.012	-.02394	.52329	.21791	.23224	.15970	.14413	.13380	.14121	.35660	.33265
1.101	4.037	.03666	.47677	.22487	.23813	.17079	.15516	.15255	.15540	.37117	.34296
1.098	6.006	-.02105	.43160	.22828	.23890	.17921	.16171	.17045	.17210	.37931	.35178
1.101	8.047	.03941	.38741	.22740	.23547	.18761	.16682	.18364	.18227	.38311	.35615
1.098	10.017	-.03499	.34298	.22399	.23380	.19211	.16269	.19042	.18832	.38515	.35828
1.102	12.052	.02985	.29989	.21790	.22570	.18869	.15318	.19453	.19112	.38305	.35865
1.099	14.010	-.01494	.25839	.19708	.20230	.17029	.14690	.18615	.18215	.37445	.35352
1.100	16.025	.03519	.22363	.17637	.17842	.16063	.13303	.18326	.17795	.36480	.34578
1.100	18.045	.03500	.19337	.14035	.13533	.13620	.10987	.17089	.16424	.35064	.33880
	GRADIENT	.00089	-.02336	.00472	.00366	.00983	.00673	.01009	.01091	.01077	.00987

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-3.934	.03267	.67434	.19508	.21848	.08869	.09926	-.14847	.09749	.31979	.28446
1.150	-1.988	.03226	.62709	.20540	.22569	.12117	.12399	-.13879	.12625	.33319	.30316
1.148	.000	.03353	.57722	.21968	.23507	.12634	.14905	-.13913	.14021	.35109	.33054
1.150	1.998	.03197	.53031	.22610	.24243	.14068	.15897	-.13388	.16547	.37132	.35051
1.150	4.013	.05268	.48524	.22994	.24555	.15967	.17082	-.14137	.18223	.38411	.35653
1.150	6.026	.03196	.43825	.22863	.24241	.17166	.17234	-.15051	.19640	.38858	.35721
1.149	8.010	.03001	.39604	.22399	.23557	.16531	.16832	-.14772	.20230	.39090	.35914
1.149	10.080	.02214	.35593	.21623	.22841	.14941	.15270	-.15165	.20921	.39043	.36731
1.150	12.022	.02363	.32875	.20077	.21436	.12966	.13554	-.14305	.21372	.39075	.36873
1.146	14.094	.04003	.30059	.17666	.17202	.10076	.10800	-.13232	.20706	.38468	.36755
1.147	16.036	.03201	.28062	.16263	.14518	.07912	.08151	-.13226	.21203	.37937	.36489
1.149	18.044	.03111	.23035	.15054	.13524	.05786	.07103	-.13244	.12703	.37367	.36156
	GRADIENT	.00201	-.02389	.00454	.00356	.00811	.00895	.00095	.01049	.00839	.00963

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.199	-1.874	.06219	.62132	.20658	.23994	.13495	.14068	.13504	.14354	.35692	.33361
1.200	.013	.05093	.57074	.20939	.23946	.13854	.14678	.17258	.17399	.37116	.34773
1.199	2.024	.06468	.52207	.21266	.24171	.15165	.15863	.18926	.19007	.38517	.35941
1.198	4.065	.06276	.47392	.21539	.24201	.15871	.17067	.20149	.19915	.39969	.36710
1.200	5.985	.05268	.43280	.21376	.23872	.16210	.17007	.20720	.21113	.39945	.36617
1.198	8.062	.06082	.39729	.21127	.21604	.16046	.16136	.21384	.21542	.39642	.36792
1.198	10.072	.06415	.36550	.20399	.19922	.12713	.12309	.22040	.22019	.40241	.37595
1.198	12.020	.07192	.33493	.19463	.18602	.12257	.11027	.21361	.21057	.40284	.38276
1.201	13.911	.05199	.30138	.18705	.17209	.10334	.10455	.14395	.14339	.40152	.38039
1.199	16.059	.06624	.23142	.17804	.15957	.08561	.09299	.07508	.07529	.40199	.37855
1.200	18.069	.06521	.17142	.17515	.15926	.07614	.08342	.05472	.05887	.39471	.38056
	GRADIENT	.00081	-.02474	.00150	.00043	.00426	.00515	.01084	.00918	.00717	.00564

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.301	-2.099	.02084	.62599	.18660	.19167	.14129	.12832	.17754	.17568	.42049	.41231
1.299	-.054	.02245	.57888	.18889	.18620	.13884	.11624	.18841	.18887	.42832	.41842
1.300	1.992	.01930	.53882	.18984	.18448	.12363	.09610	.19441	.18619	.43435	.41340
1.301	3.918	.02128	.50225	.19414	.18269	.11627	.09506	.18976	.17553	.45005	.43139
1.299	6.013	.02304	.46174	.19265	.17840	.12595	.09546	.16654	.14404	.44789	.43512
1.300	7.959	.02137	.42659	.19941	.17737	.12272	.09104	.11617	.08254	.44910	.42731
1.301	9.958	.02969	.37163	.20892	.17945	.11132	.09154	.08776	.06502	.46026	.43549
1.299	12.010	.03138	.31493	.20104	.17993	.11450	.09212	.08090	.06299	.45840	.43579
1.299	14.013	.03011	.25806	.19768	.17563	.11575	.09091	.07641	.06006	.45420	.43545
1.300	15.979	.02479	.20529	.18550	.16731	.11465	.09493	.06340	.05528	.46204	.43608
1.298	18.014	.02671	.15696	.17065	.16085	.09726	.09100	.05939	.04640	.45362	.44065
	GRADIENT	-.00009	-.02048	.00117	-.00143	-.00449	-.00599	.00215	-.00012	.00470	.00257

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.401	-1.978	-.03899	.63569	.19417	.19236	.10157	.11815	.17058	.17166	.46940	.52261
1.401	.046	-.04466	.59156	.21211	.20120	.10108	.11089	.16699	.16558	.48469	.49002
1.399	1.976	-.04320	.55313	.21137	.19589	.09570	.11427	.13030	.14594	.49222	.48223
1.398	3.877	-.04274	.51802	.20514	.19191	.09895	.12363	.09566	.10494	.51804	.51452
1.400	5.875	-.04540	.46851	.20476	.18795	.10539	.12309	.09008	.09989	.51292	.50845
1.399	7.959	-.04244	.39679	.20765	.19059	.11214	.12387	.08221	.08983	.51260	.49586
1.401	9.928	-.04313	.35108	.21755	.19895	.10522	.11898	.07671	.08519	.53696	.50321
1.399	11.970	-.03625	.28957	.21501	.20826	.10582	.11466	.06937	.07944	.52238	.49965
1.400	13.987	-.03894	.23798	.21056	.19623	.10761	.10602	.05684	.07377	.51702	.49658
1.401	15.964	-.04001	.18606	.19873	.18722	.09937	.11168	.06400	.06909	.53296	.49618
1.398	17.979	-.03897	.13961	.19318	.18369	.09467	.10993	.04924	.06003	.52079	.50273
	GRADIENT	-.00051	-.02009	.00169	-.00032	-.00068	.00099	-.01335	-.01122	.00786	-.00175

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.550	-3.908	-.12939	.68207	.16712	.16351	.06174	.10680	-.11994	.14172	.46682	.48285
1.550	-1.938	-.13664	.64474	.17536	.16604	.06419	.11403	-.11588	.10495	.51838	.39048
1.549	.101	-.13415	.59698	.17928	.17039	.07255	.11192	-.11387	.08771	.55907	.41973
1.549	2.006	-.13436	.55009	.18665	.17886	.07743	.12730	-.12118	.09807	.49438	.43353
1.551	4.041	-.13181	.48841	.19585	.18596	.09917	.15663	-.12742	.09638	.49326	.45371
1.550	6.042	-.13033	.43237	.20247	.19100	.08954	.14621	-.12966	.09996	.50831	.47821
1.550	8.071	-.12786	.40137	.19493	.19191	.07124	.13150	-.13548	.10305	.58461	.48886
1.550	10.068	-.12125	.33722	.19275	.19131	.07186	.13483	-.12799	.09906	.59943	.50904
1.550	12.078	-.11810	.27686	.19800	.19151	.07952	.12663	-.13137	.09076	.60673	.53949
1.549	14.111	-.12056	.22245	.19502	.19285	.08702	.12090	-.12865	.08708	.59098	.56874
1.550	16.076	-.12176	.17296	.19021	.19311	.08172	.13385	-.14601	.07458	.62366	.57205
	GRADIENT	-.00013	-.02429	.00346	.00291	.00445	.00569	-.00102	-.00493	.00151	-.00076

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.199	-1.834	1.95535	.29840	-.12040	-.04018	-.17109	-.12103	-.20691	-.14799	-.05379	.00776
.201	.185	2.04675	.26819	-.09206	-.01232	-.14624	-.09625	-.18366	-.12136	-.00581	.06402
.201	2.159	2.06043	.22238	-.08548	-.00470	-.13985	-.09327	-.18100	-.12060	.01612	.09188
.200	4.155	2.01016	.18644	-.06887	.00776	-.12047	-.07883	-.16744	-.10978	.04795	.12454
.200	6.093	1.97849	.13876	-.06846	.00700	-.11879	-.07917	-.17023	-.11023	.05667	.13852
.200	7.827	1.79194	.09416	-.06745	.00678	-.11361	-.07675	-.16809	-.11223	.06452	.15021
.200	9.847	1.70553	.04973	-.06155	.00341	-.10778	-.08242	-.16814	-.11652	.06777	.15216
.200	11.799	1.82293	.01026	-.06626	.00300	-.11391	-.08423	-.16918	-.11831	.06155	.14807
.200	13.699	1.80752	-.03428	-.07899	-.01408	-.12450	-.09625	-.18049	-.13180	.04307	.12820
.199	15.718	1.83309	-.07137	-.09083	-.03007	-.12853	-.10597	-.18907	-.13948	.01937	.10846
	GRADIENT	.00897	-.01913	.00809	.00760	.00794	.00651	.00608	.00580	.01642	.01898

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.252	-2.013	1.92393	.32719	-.10249	-.02808	-.16856	-.10244	.22397	-.12962	-.03644	.01614
.252	.002	2.04735	.28955	-.08545	-.00956	-.15648	-.08966	.22325	-.11682	.00334	.06654
.252	1.995	2.07041	.24279	-.07302	.00551	-.14526	-.07722	.21989	-.10713	.03179	.10540
.252	3.987	2.07997	.19951	-.06567	.01177	-.13393	-.06989	.20852	-.10204	.05307	.13194
.251	6.020	2.10500	.15573	-.06021	.01795	-.12694	-.06447	.21933	-.09762	.06607	.15137
.250	7.934	2.00625	.11125	-.05734	.01939	-.12406	-.06160	.23652	-.09690	.07468	.16643
.250	9.843	1.69448	.06615	-.05415	.01640	-.12042	-.06491	.24593	-.10180	.07841	.16981
.251	11.909	1.88358	.02592	-.05938	.01223	-.12676	-.07224	.25351	-.10680	.06964	.16273
.251	13.898	1.92431	-.01541	-.07182	-.00625	-.13250	-.07962	.26407	-.11763	.05311	.14727
.252	15.921	1.93182	-.05915	-.08119	-.02096	-.14085	-.09107	.26438	-.12820	.02820	.12119
	GRADIENT	.02461	-.02150	.00615	.00674	.00576	.00551	-.00248	.00463	.01486	.01933

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.400	-1.936	2.04605	.32553	-.10256	-.02023	-.15637	-.10402	-.19122	-.13128	-.03017	.03100
.401	.022	2.05671	.28999	-.08626	-.00521	-.14191	-.09197	-.18019	-.11918	.00647	.07482
.401	2.016	2.04142	.24585	-.07192	.00799	-.12870	-.08266	-.17085	-.11100	.03586	.10956
.401	4.002	2.04299	.20270	-.06182	.01686	-.11661	-.07216	-.16220	-.10433	.05974	.13719
.402	5.965	2.05162	.15916	-.05529	.02254	-.10656	-.06525	-.15635	-.09891	.07191	.15580
.400	7.900	1.94379	.11182	-.05337	.02218	-.10182	-.06339	-.15538	-.09878	.08034	.16701
.399	9.957	1.83495	.06567	-.04922	.02044	-.09673	-.06668	-.15443	-.10263	.08238	.16905
.399	11.830	1.83907	.03039	-.05062	.01828	-.09775	-.07041	-.15468	-.10443	.08103	.16736
.398	13.838	1.85170	-.01166	-.06181	.00204	-.10926	-.07859	-.16304	-.11521	.06565	.14983
.398	15.862	1.87664	-.05441	-.07905	-.01712	-.11832	-.09310	-.17603	-.12860	.03915	.12622
	GRADIENT	-.00124	-.02084	.00689	.00628	.00669	.00529	.00487	.00449	.01510	.01783

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.600	-1.926	1.95809	.35764	-.10522	-.01716	-.17031	-.11425	-.20866	-.14507	-.02309	.03648
.600	.080	1.95860	.30996	-.08943	-.00666	-.15299	-.09813	-.19499	-.13119	.01805	.08464
.601	2.085	1.96682	.26331	-.07255	.01235	-.13599	-.08588	-.18137	-.11904	.04436	.11853
.601	4.085	1.97066	.21950	-.06238	.02080	-.12379	-.07638	-.17303	-.11184	.06559	.14420
.601	7.998	1.95717	.12685	-.05147	.02802	-.10555	-.06445	-.16360	-.10252	.08914	.17551
.601	10.061	1.89968	.08105	-.04695	.02510	-.10077	-.06683	-.16065	-.10513	.09922	.17919
.601	11.884	1.93373	.04043	-.05007	.02286	-.10460	-.07236	-.16328	-.10810	.09203	.17427
.601	13.886	1.98200	-.00365	-.06003	.00993	-.11351	-.07819	-.17114	-.11771	.07086	.16187
.600	15.897	2.01520	-.04491	-.07826	-.00666	-.12116	-.08938	-.18129	-.12691	.04563	.14285
.598	17.853	2.00446	-.08380	-.09526	-.02931	-.13280	-.10417	-.19350	-.14066	.02099	.11742
	GRADIENT	.00229	-.02301	.00726	.00663	.00781	.00628	.00601	.00558	.01459	.01782

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.698	-1.959	2.00075	.37499	-.10393	-.01226	-.17593	-.11572	-.21987	-.15168	-.00720	.05205
.700	.082	1.98223	.32814	-.08534	-.00035	-.15376	-.09817	-.20243	-.13583	.03186	.09471
.700	2.041	2.00788	.28121	-.06997	.01573	-.13575	-.08380	-.18686	-.12082	.06034	.13137
.701	4.095	1.99505	.23482	-.05803	.02717	-.12374	-.07140	-.17553	-.11036	.07820	.15735
.701	6.090	2.02958	.18889	-.05018	.03487	-.11131	-.06413	-.16745	-.10244	.09117	.17563
.702	7.969	1.97410	.14270	-.04577	.03924	-.10142	-.05695	-.16237	-.09654	.09980	.19050
.702	10.040	1.87970	.09583	-.03964	.03609	-.09453	-.05888	-.15651	-.09732	.11068	.19468
.700	11.880	1.90655	.05378	-.04289	.03422	-.09755	-.06348	-.15671	-.09870	.10414	.19069
.700	13.862	1.93882	.01329	-.05217	.02278	-.10649	-.06723	-.16202	-.10586	.09127	.17981
.700	15.860	1.95279	-.02799	-.06834	.00570	-.11094	-.07844	-.16931	-.11444	.06594	.16200
.700	17.910	1.97817	-.06960	-.08615	-.01753	-.12306	-.09199	-.18097	-.12643	.04303	.13931
	GRADIENT	.00039	-.02323	.00761	.00667	.00867	.00732	.00738	.00691	.01414	.01751

ORIGINAL PAGE IS
OF POOR QUALITY

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.800	-3.939	2.03094	.45348	-.10832	-.01253	-.21357	-.12907	.24261	-.17718	-.01671	.02793
.800	-2.045	2.07342	.40869	-.08733	.00536	-.18774	-.10689	.23793	-.15352	.02236	.07514
.800	.000	2.05554	.35916	-.06969	.01749	-.16244	-.08735	.22691	-.13338	.05943	.11496
.799	1.978	2.05768	.31597	-.05245	.03295	-.14245	-.07128	.22572	-.11302	.08598	.15123
.800	3.989	2.08144	.27018	-.03904	.04583	-.12503	-.05570	.22670	-.09662	.10789	.17731
.800	6.006	2.10920	.22519	-.03085	.05532	-.11174	-.04505	.22377	-.08324	.11901	.19666
.800	7.947	2.06394	.17818	-.02729	.06138	-.10208	-.03467	.22896	-.07229	.12658	.21410
.800	10.017	1.85387	.13482	-.01741	.05788	-.09423	-.03543	.23863	-.06966	.13380	.21824
.800	11.941	1.88748	.09486	-.01933	.05809	-.09540	-.03780	.24031	-.06611	.12851	.21763
.800	13.904	1.91571	.05395	-.02999	.04650	-.09776	-.03956	.24938	-.07077	.11420	.20925
.800	15.895	1.91011	.01268	-.04316	.03015	-.10407	-.04936	.25173	-.07630	.09880	.19417
.798	17.981	1.94270	-.02850	-.06267	.00805	-.11623	-.06228	.25372	-.08716	.07723	.17763
.798	18.963	1.95260	-.04934	-.07184	-.00085	-.12412	-.07029	.25389	-.09396	.06089	.16663
	GRADIENT	.00425	-.02311	.00872	.00725	.01118	.00917	-.00221	.01014	.01572	.01884

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.849	-3.974	2.05947	.47571	-.08994	.00678	-.20070	-.11461	.23497	-.16972	.00629	.05357
.850	-2.002	2.09662	.43002	-.06649	.02465	-.17097	-.09119	.23523	-.14108	.04843	.09982
.851	-.034	2.11406	.38425	-.05001	.03749	-.14493	-.07014	.23010	-.11645	.08298	.13866
.851	1.965	2.12168	.33904	-.03235	.05310	-.12362	-.05263	.22999	-.09232	.10850	.17355
.850	3.993	2.08435	.29409	-.01991	.06532	-.10601	-.03693	.22792	-.07437	.12692	.19791
.850	5.964	2.14451	.24845	-.01061	.07435	-.09081	-.02493	.22137	-.05854	.13932	.21680
.849	7.944	2.06393	.20303	-.00741	.07995	-.08038	-.01441	.22262	-.04643	.14618	.23401
.849	10.033	1.84843	.15780	.00263	.07843	-.07216	-.01376	.23306	-.04135	.15298	.23832
.850	11.921	1.83561	.11717	.00112	.07796	-.07299	-.01548	.23477	-.03604	.14891	.23755
.850	13.923	1.91607	.07453	-.01058	.06644	-.07572	-.01629	.24067	-.03969	.13601	.23093
.850	15.908	1.90609	.03371	-.02192	.05052	-.08004	-.02568	.24261	-.04358	.12391	.21614
.849	17.942	1.92925	-.00890	-.04128	.02920	-.09157	-.03813	.23971	-.05343	.10580	.20043
	GRADIENT	.00372	-.02282	.00875	.00731	.01189	.00974	-.00097	.01203	.01513	.01820

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.900	-3.941	2.05678	.50541	-.05596	.03798	-.16570	-.08373	.22168	-.13954	.04373	.08774
.900	-2.084	2.07112	.46147	-.03519	.05485	-.13823	-.06122	.22687	-.10852	.07992	.12904
.900	-.046	2.11651	.41335	-.01910	.06750	-.11198	-.03998	.22361	-.08070	.11327	.16728
.900	1.976	2.08994	.36772	-.00224	.08264	-.08929	-.02211	.22837	-.05496	.13819	.20128
.900	3.982	2.10629	.32316	.01135	.09420	-.07092	-.00652	.22634	-.03582	.15800	.22489
.899	5.913	2.16409	.27838	.01752	.10259	-.05767	.00571	.22383	-.01991	.16504	.24294
.900	7.882	2.02661	.23394	.02323	.10790	-.04506	.01714	.23721	-.00596	.17454	.25923
.900	10.011	1.84314	.18983	.03216	.10799	-.03725	.01897	.26297	.00109	.18012	.26520
.900	11.896	1.82934	.14846	.03034	.10679	-.03889	.01725	.25481	.00637	.17600	.26557
.900	13.993	1.90688	.10759	.01755	.09512	-.04158	.01735	.23761	.00404	.16491	.25979
.900	15.923	1.87786	.06991	.00629	.07930	-.04608	.00731	.22711	.00018	.15476	.24667
.900	17.912	1.87469	.03013	-.01228	.05884	-.05652	-.00486	.20741	-.00876	.13616	.23343
	GRADIENT	.00589	-.02302	.00841	.00704	.01197	.00971	.00054	.01310	.01439	01739

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.950	-4.053	2.03607	.54504	-.01047	.08207	-.12400	-.03486	.14219	-.08890	.08979	.12856
.949	-1.984	2.10660	.49617	.00900	.09885	-.09153	-.01161	.12163	-.05535	.12246	.17152
.949	-.008	2.07007	.45007	.02443	.10887	-.06694	.00668	.14069	-.02848	.15312	.20616
.951	2.023	2.04860	.40528	.03999	.12300	-.04506	.02403	.14916	-.00242	.17703	.23858
.950	3.944	2.10564	.36164	.05173	.13382	-.02805	.03846	.16685	.01635	.19120	.26044
.950	6.031	2.08938	.31665	.05837	.14140	-.01222	.05009	.14398	.03299	.20072	.27836
.950	7.948	1.99201	.27203	.06324	.14400	-.00111	.05841	.11916	.04437	.20937	.29166
.951	9.957	1.96853	.22881	.06876	.14673	.00507	.06249	.08281	.05397	.21289	.30006
.950	11.951	1.82302	.18712	.06699	.14117	.00302	.05698	.08754	.05654	.21184	.29657
.949	13.889	1.80059	.14722	.05344	.13008	-.00064	.05080	.06139	.05395	.20239	.29283
.950	15.961	1.95515	.10696	.03945	.11318	-.00612	.04656	.05087	.05054	.18991	.28164
.950	17.916	1.94772	.06833	.02029	.09111	-.01767	.03249	.03191	.04030	.17454	.26855
	GRADIENT	.00406	-.02289	.00778	.00639	.01193	.00912	.00381	.01318	.01289	.01656

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.976	-2.013	1.94347	.51503	.03526	.12085	-.04703	.01289	.01112	-.02655	.14844	.19618
.979	.038	2.03645	.46728	.05014	.13459	-.02225	.03543	-.00388	.00351	.18021	.23292
.979	1.975	2.07030	.42465	.06393	.14722	-.00172	.05045	.00834	.02837	.20071	.26284
.979	3.999	2.05086	.38099	.07657	.15792	.01553	.06566	.00727	.04876	.21662	.28399
.981	6.014	2.10355	.33494	.08257	.16357	.02973	.07650	.00283	.06466	.22557	.29928
.980	7.954	2.02127	.29074	.08580	.16544	.04241	.08371	-.00986	.07483	.23309	.31191
.980	9.914	1.92413	.24586	.08980	.16592	.05092	.08389	-.03039	.08097	.23647	.31699
.982	12.005	1.93101	.20094	.08685	.16274	.05060	.08206	-.03440	.08762	.23392	.31719
.980	13.912	1.93635	.16068	.07332	.14987	.04088	.07898	-.03884	.08363	.22736	.31182
.980	15.939	1.94520	.11817	.05667	.13195	.03322	.06842	-.04591	.07903	.21292	.30288
.979	17.970	1.96969	.07777	.03601	.10961	.02081	.05409	-.04931	.06840	.20037	.29008
	GRADIENT	.01787	-.02227	.00690	.00620	.01043	.00868	.00001	.01256	.01127	.01469

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.049	-4.003	1.89573	.62338	.09078	.17524	-.01950	.06730	-.14055	.02239	.20430	.22870
1.050	-1.958	1.95303	.57464	.10498	.19021	-.00003	.08748	-.13933	.05023	.22608	.26549
1.050	-.003	2.00471	.52923	.11554	.19891	.02366	.10327	-.14582	.07601	.25094	.29852
1.050	2.027	2.00477	.48425	.12718	.20911	.05107	.11610	-.15283	.10141	.27102	.32691
1.050	4.028	2.01448	.44130	.13622	.21688	.06220	.12740	-.13765	.11698	.28279	.34546
1.050	6.044	2.08477	.39728	.13912	.22165	.07201	.13561	-.13497	.13348	.28862	.36023
1.050	8.002	2.01184	.35281	.14082	.22186	.08209	.14156	-.14745	.14397	.29267	.37226
1.050	10.020	2.03389	.30869	.13990	.22151	.08464	.14212	-.16194	.15202	.29269	.37904
1.050	11.946	1.93586	.26863	.13572	.21356	.08137	.13370	-.16938	.15367	.29216	.37587
1.049	13.924	1.96242	.22894	.11541	.19587	.07206	.12939	-.17868	.14781	.28479	.36979
1.050	15.950	1.99986	.19363	.09465	.17552	.06236	.11495	-.19025	.14253	.27196	.36089
1.051	17.949	2.00207	.16829	.07014	.14709	.04493	.09610	-.18018	.13059	.26444	.34882
	GRADIENT	.01442	-.02268	.00564	.00510	.01070	.00742	-.00038	.01199	.01007	.01471

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.098	-1.979	1.93984	.61092	.16139	.24689	.07649	.14695	.06216	.11582	.27538	.31699
1.101	.040	2.03548	.56497	.17119	.25434	.10242	.16440	.08515	.14200	.29684	.34506
1.101	2.035	2.06642	.51784	.18024	.26360	.12792	.17522	.10577	.16557	.30971	.36911
1.099	4.029	2.01599	.47415	.18745	.26827	.13757	.18508	.12478	.18018	.32184	.38459
1.099	6.084	2.04144	.43012	.18968	.27007	.14565	.19193	.14469	.19524	.32611	.39759
1.097	7.996	1.99455	.38559	.19189	.26836	.15751	.19517	.15521	.20311	.32975	.40496
1.098	10.037	2.03451	.34033	.18741	.26617	.16124	.19287	.16497	.20903	.33252	.41163
1.102	11.854	1.86207	.29956	.18327	.25734	.15999	.18402	.17190	.21099	.33112	.40820
1.098	13.940	1.97139	.26108	.16254	.23783	.14183	.17606	.16485	.20215	.32598	.40443
1.101	15.878	1.91212	.22710	.14064	.21268	.12885	.15999	.16173	.19572	.31603	.39298
1.100	17.905	1.93313	.19950	.10432	.17768	.10668	.13660	.15230	.18165	.30609	.38501
1.100	19.879	.30789	.16316	.12826	.10939	.07408	.05461	.15419	.14691	.34245	.32701
	GRADIENT	.01300	-.02285	.00436	.00367	.01043	.00626	.01042	.01082	.00761	.01133

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-3.944	2.00688	.67208	.15800	.25521	.06253	.15309	-.13552	.11979	.30134	.31102
1.149	-1.937	2.01399	.62390	.17629	.26210	.07872	.16475	-.13316	.15933	.30977	.33512
1.150	.036	2.02871	.57654	.18529	.26563	.08914	.19005	-.12868	.17183	.32393	.36406
1.150	2.026	2.05033	.52945	.19280	.27753	.09838	.19540	-.13031	.19321	.33674	.38667
1.150	4.020	2.04605	.48477	.19474	.27960	.11756	.20212	-.13715	.20795	.34004	.39774
1.149	6.066	2.04735	.43781	.19073	.27749	.13189	.20199	-.14394	.22054	.34290	.40632
1.150	7.932	1.98545	.39610	.18886	.27026	.13218	.20043	-.12488	.22734	.34575	.41391
1.149	9.882	1.89758	.35949	.18180	.26019	.12053	.18471	-.14479	.22908	.34774	.41508
1.149	11.917	1.87358	.32647	.17474	.24444	.09903	.16565	-.14572	.22764	.34942	.41659
1.148	13.894	1.90700	.29356	.14087	.21529	.05471	.13395	-.14232	.21882	.34976	.41365
1.150	15.889	1.91221	.28197	.12903	.19520	.04360	.11196	-.14460	.21871	.34847	.40843
1.150	17.908	1.93465	.22845	.12312	.17483	.02850	.10036	-.12091	.13499	.34761	.40329
	GRADIENT	.00627	-.02358	.00453	.00323	.00652	.00647	-.00002	.01057	.00525	.01131

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.197	-1.990	2.04311	.62212	.17138	.27482	.09930	.17246	.11580	.17407	.33946	.35394
1.199	.070	2.04395	.56900	.16848	.27423	.11788	.18077	.13977	.19309	.34780	.37628
1.198	2.066	2.05053	.52057	.17495	.27671	.12730	.18815	.15914	.21598	.35704	.39177
1.198	4.019	2.06599	.47619	.18367	.27239	.12813	.20357	.17390	.23169	.36261	.40151
1.198	6.032	2.08807	.43566	.17803	.26315	.13126	.20429	.18411	.24222	.36622	.40956
1.201	7.929	2.02582	.39884	.17668	.25210	.12806	.18506	.18815	.24536	.36933	.41172
1.197	10.006	1.81744	.36450	.17389	.23512	.10036	.14229	.20689	.24841	.37453	.41709
1.197	11.894	1.85774	.33363	.16820	.22220	.09427	.13551	.19428	.24722	.37106	.42362
1.202	13.907	1.90837	.29613	.15930	.20516	.07654	.12698	.11875	.17735	.37478	.42312
1.199	15.883	1.90826	.22935	.14789	.19092	.06123	.11785	.05420	.10075	.37010	.41856
1.198	17.907	1.90941	.17300	.14331	.18351	.04903	.11128	.03606	.08438	.36943	.41536
	GRADIENT	.00374	-.02429	.00215	-.00024	.00481	.00502	.00968	.00978	.00393	.00792

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	-1.965	1.97817	.62000	.14341	.23878	.11108	.15990	.13273	.19736	.40936	.42092
1.298	.020	2.02979	.57447	.15033	.23119	.09624	.15395	.14793	.20375	.41814	.43197
1.299	1.979	2.06454	.53691	.15859	.22952	.08095	.13559	.16178	.20689	.42891	.43361
1.299	4.006	2.04174	.50112	.16238	.22566	.07933	.13333	.16148	.19820	.43435	.44984
1.301	6.040	2.10263	.46333	.15929	.22687	.08026	.13414	.13898	.16460	.43642	.45510
1.299	7.952	2.02213	.42927	.16594	.22905	.06711	.15592	.06522	.11117	.44381	.45230
1.299	9.998	2.00536	.38413	.16035	.23208	.05305	.13887	.03808	.12777	.45526	.45297
1.301	11.905	1.88984	.32413	.16417	.22675	.05512	.14005	.04467	.11269	.44659	.45030
1.301	13.902	1.92981	.26738	.15826	.22170	.05531	.13516	.03654	.10625	.44892	.45187
1.300	15.964	1.95750	.21102	.15024	.20405	.05967	.14022	.02803	.09238	.44572	.45269
1.299	17.930	1.96522	.16375	.13962	.19137	.05305	.14087	.01776	.07848	.44337	.45373
	GRADIENT	.01129	-.01983	.00328	-.00206	-.00555	-.00493	.00503	.00027	.00431	.00446

OA232 AEDC 16T TF431 LA .2P/S RA .2A (FVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.399	-3.951	1.92708	.67123	.14053	.23722	.07078	.17176	.11651	.21028	.43460	.46151
1.399	-2.062	1.98129	.63582	.15089	.23505	.06932	.15501	.12981	.21333	.44541	.49203
1.399	-.026	1.97470	.59453	.16716	.23831	.06914	.14490	.13126	.20843	.46362	.49851
1.399	2.010	1.98051	.55410	.16915	.23767	.06544	.13960	.11035	.16999	.48164	.48973
1.401	4.008	2.00170	.52097	.16516	.23892	.07126	.15590	.07031	.12623	.49175	.51384
1.400	6.040	2.10302	.47977	.16639	.24653	.07140	.14932	.06135	.13190	.49201	.51621
1.400	8.038	2.10702	.42432	.17107	.23789	.08286	.14452	.05565	.11282	.49870	.51106
1.400	10.115	1.94794	.35124	.17886	.23687	.08604	.13065	.06812	.11360	.50629	.51484
1.401	11.977	1.97140	.28343	.18189	.24124	.08897	.13635	.06897	.10949	.50879	.51131
1.399	13.972	2.00552	.23510	.17303	.23333	.08593	.13868	.05811	.09362	.50946	.50413
1.400	15.995	2.01067	.18769	.16863	.22474	.08357	.14938	.04817	.08571	.51059	.50305
1.399	18.010	2.02016	.14696	.16359	.22204	.08009	.14787	.03482	.08204	.50322	.50335
	GRADIENT	.00737	-.01912	.00337	.00030	-.00015	-.00234	-.00559	-.01062	.00754	.00508

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.550	-3.884	1.77379	.68659	.13107	.20437	.02689	.14295	-.12736	.16204	.47848	.52431
1.550	-1.889	1.84667	.64780	.13037	.21063	.03121	.14827	-.11917	.13744	.48521	.47181
1.550	.100	1.85986	.60062	.14609	.22012	.03501	.14244	-.11641	.13457	.51322	.49780
1.550	2.143	1.86100	.54814	.14704	.22558	.04327	.14339	-.10997	.15158	.51138	.51264
1.550	4.161	1.87869	.49178	.14977	.23223	.05066	.15911	-.12008	.14131	.41666	.52990
1.550	6.194	1.95135	.44660	.15163	.24769	.05323	.15884	-.13130	.11574	.41949	.55507
1.550	8.107	2.01912	.38172	.16237	.25713	.06116	.14824	-.12897	.09856	.54878	.57844
1.550	10.075	1.93643	.32771	.16757	.21856	.05907	.13975	-.13595	.09977	.55956	.58988
1.549	11.895	1.99044	.26672	.15821	.22564	.08129	.13192	-.15175	.09723	.55858	.59755
1.550	13.923	2.04652	.21175	.15820	.22501	.07297	.13094	-.15883	.09582	.55769	.60550
1.549	15.882	2.09257	.16679	.15279	.21908	.06994	.12572	-.15374	.09311	.54359	.60715
1.549	17.875	2.09671	.11568	.15390	.21794	.06109	.11692	-.16203	.08686	.57414	.60126
	GRADIENT	.01111	-.02432	.00268	.00351	.00296	.00137	.00118	-.00134	-.00488	.00261

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (FVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.700	-1.945	-.21587	.37801	-.05994	-.05283	-.13634	-.15411	-.18457	-.18860	.03985	.00917
.701	.002	-.17182	.33218	-.04446	-.04076	-.11719	-.13537	-.16939	-.17186	.07405	.05038
.702	2.035	-.12579	.28363	-.02791	-.02335	-.09944	-.11994	-.15351	-.15568	.10664	.08571
.702	4.113	-.08251	.23408	-.01598	-.01030	-.08558	-.10594	-.14199	-.14372	.12815	.11158
.703	6.181	-.03740	.18501	-.00904	-.00280	-.07426	-.09856	-.13373	-.13558	.14483	.12827
	GRADIENT	.02207	-.02377	.00734	.00718	.00840	.00791	.00710	.00746	.01470	.01693

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.200	-1.708	.10331	.32395	-.08616	-.06521	-.15335	-.14746	.23574	-.17007	-.01898	-.00162
.200	.137	.10451	.28693	-.06383	-.04660	-.13631	-.12759	.23946	-.15220	.02517	.04023
.200	2.134	.10608	.23908	-.05344	-.03971	-.12860	-.12561	.22811	-.14965	.05641	.06432
.200	4.213	.10742	.18133	-.04750	-.03526	-.12022	-.11940	.21430	-.14695	.07922	.08421
.200	6.138	.10875	.13665	-.03734	-.02511	-.10856	-.11062	.21415	-.14030	.09933	.09855
.201	8.137	.11107	.09108	-.03321	-.02397	-.10213	-.10559	.23647	-.13561	.11315	.10953
.201	10.165	.11210	.05156	-.03443	-.02732	-.10267	-.10897	.24958	-.13902	.11555	.11052
.202	12.171	.11333	.01165	-.03628	-.02994	-.10604	-.11087	.26073	-.14277	.10816	.10458
.203	14.189	.11512	-.02930	-.05101	-.04472	-.11461	-.12220	.26596	-.15385	.09018	.08873
.203	16.176	.11651	-.07061	-.07208	-.06302	-.12991	-.13956	.26062	-.16903	.05681	.06514
	GRADIENT	.00070	-.02412	.00634	.00485	.00539	.00431	-.00388	.00359	.01641	.01417

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.396	-1.917	.07926	.34444	-.07246	-.05584	-.14370	-.13884	.24425	-.16241	-.00083	.01858
.397	.032	.07939	.30092	-.05204	-.03944	-.12527	-.12281	.24020	-.14703	.04403	.05504
.397	1.999	.07942	.25169	-.03913	-.02811	-.11513	-.11503	.23109	-.14121	.07545	.07935
.397	4.009	.07838	.20499	-.02854	-.02146	-.10249	-.10593	.22176	-.13405	.10206	.10161
.397	6.022	.07849	.15487	-.02300	-.01514	-.09528	-.10266	.21991	-.13112	.11882	.11247
.398	8.027	.07906	.10980	-.02271	-.01526	-.09018	-.09833	.24409	-.12910	.12986	.12038
.398	10.028	.07938	.06826	-.01908	-.01712	-.08922	-.09971	.25799	-.13045	.13294	.12268
.397	12.033	.07921	.02659	-.02489	-.02214	-.09484	-.10418	.27025	-.13580	.12678	.11729
.397	14.026	.07911	-.01478	-.04000	-.03567	-.10295	-.11309	.27560	-.14515	.10952	.10199
.397	16.049	.08105	-.05373	-.05105	-.04594	-.11041	-.12288	.27566	-.15296	.08535	.08571
	GRADIENT	-.00013	-.02368	.00732	.00579	.00677	.00539	-.00388	.00460	.01721	.01384

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.598	-2.039	-.04092	.34970	-.07653	-.05941	-.15790	-.15292	.23988	-.18032	.00808	.02346
.600	.111	-.04529	.30872	-.05742	-.04708	-.13793	-.13608	.24528	-.16438	.05489	.06140
.600	2.039	-.04698	.26380	-.04064	-.03272	-.12188	-.12348	.23845	-.15189	.08526	.08882
.600	3.993	-.04908	.21824	-.02975	-.02268	-.10855	-.11240	.22798	-.14394	.11134	.10784
.600	6.000	-.04848	.17211	-.02188	-.01513	-.09960	-.10675	.22594	-.13822	.13339	.11967
.601	8.000	-.04855	.12568	-.01927	-.01326	-.09336	-.10252	.24447	-.13532	.14144	.12730
.600	10.064	-.04538	.08118	-.01780	-.01468	-.09073	-.10355	.25989	-.13566	.14324	.12834
.599	12.040	-.04187	.03946	-.02151	-.01770	-.09458	-.10692	.27810	-.13788	.13828	.12386
.599	14.029	-.03714	-.00335	-.03336	-.03196	-.09981	-.11230	.28649	-.14652	.12386	.11189
.599	16.077	-.03416	-.04449	-.04635	-.04408	-.10871	-.12293	.28619	-.15512	.10149	.09453
	GRADIENT	-.00131	-.02191	.00786	.00622	.00821	.00671	-.00208	.00609	.01704	.01405

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.700	-2.042	-.00816	.36404	-.06863	-.05126	-.16070	-.15438	.24077	-.18715	.02399	.04465
.700	.148	-.00991	.31399	-.04925	-.03864	-.13794	-.13522	.23871	-.16849	.07333	.08018
.702	2.066	-.01194	.27520	-.03311	-.02405	-.12135	-.12193	.23694	-.15466	.10399	.10667
.701	3.979	-.01170	.23574	-.02066	-.01297	-.10828	-.10921	.22476	-.14389	.12569	.12424
.701	5.966	-.01104	.19264	-.01286	-.00557	-.09594	-.10204	.22082	-.13646	.14903	.13533
.700	8.031	-.01014	.14807	-.00884	-.00431	-.08817	-.09634	.24134	-.13170	.15999	.14257
.701	10.046	-.00879	.10533	-.00637	-.00555	-.08514	-.09633	.25957	-.13032	.16382	.14393
.699	12.047	-.00423	.06284	-.01051	-.00748	-.08720	-.09786	.27014	-.13066	.15952	.13782
.698	14.050	-.00098	.01988	-.02166	-.02056	-.09156	-.10268	.27390	-.13636	.14567	.12774
.696	16.054	.00175	-.02454	-.03428	-.03221	-.09999	-.11265	.27363	-.14388	.11999	.11327
	GRADIENT	-.00064	-.02122	.00802	.00647	.00902	.00746	-.00246	.00721	.01688	.01332

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.798	-1.998	.03057	.39816	-.04951	-.03220	-.15159	-.14672	.23555	-.19283	.05351	.08007
.800	.022	.03419	.35326	-.03107	-.01924	-.12692	-.12578	.23117	-.17038	.09864	.11051
.800	1.984	.03678	.31135	-.01404	-.00453	-.10681	-.10916	.22953	-.14854	.13207	.13477
.800	3.965	.03853	.26826	-.00060	.00752	-.08954	-.09387	.21900	-.13219	.15260	.15157
.800	5.997	.04188	.22395	.00903	.01657	-.07572	-.08283	.21884	-.11800	.17460	.16058
.800	7.982	.04455	.18114	.01355	.01715	-.06577	-.07464	.22956	-.10911	.18520	.16723
.800	10.011	.04803	.13734	.01772	.01865	-.06080	-.07326	.23965	-.10251	.18950	.17164
.800	11.995	.05201	.09510	.01600	.01681	-.06211	-.07294	.24574	-.09857	.18579	.16714
.799	13.998	.05841	.05137	.00299	.00403	-.06526	-.07610	.25291	-.10189	.17582	.15900
.799	16.024	.06224	.00775	-.01001	-.00686	-.07200	-.08488	.25571	-.10593	.15319	.14458
	GRADIENT	.00133	-.02174	.00825	.00674	.01039	.00883	-.00258	.01027	.01667	.01203

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.850	-1.977	-.01089	.42434	-.03043	-.01261	-.13612	-.12857	.22807	-.18061	.07830	.10684
.850	-.062	-.01061	.38164	-.01313	-.00061	-.11190	-.10803	.23320	-.15441	.11790	.13207
.849	1.935	-.01186	.33698	.00401	.01406	-.09013	-.09016	.23003	-.12945	.15230	.15544
.850	3.949	-.00934	.29201	.01871	.02713	-.07202	-.07336	.22224	-.10900	.17537	.17159
.850	5.957	-.00837	.24731	.02789	.03577	-.05650	-.06097	.21753	-.09239	.19418	.18089
.850	7.985	-.00845	.20366	.03263	.03727	-.04546	-.05209	.22217	-.08079	.20520	.18792
.850	10.024	-.00681	.15919	.03705	.03899	-.04024	-.05054	.23348	-.07253	.20909	.19139
.850	11.988	-.00447	.11696	.03585	.03790	-.04103	-.04916	.23990	-.06681	.20630	.18787
.849	14.000	-.00281	.07295	.02314	.02433	-.04407	-.05200	.24452	-.06893	.19769	.17988
.850	16.025	-.00027	.03209	.01076	.01379	-.04839	-.05981	.24484	-.07151	.17822	.16814
	GRADIENT	.00017	-.02233	.00832	.00677	.01082	.00927	-.00106	.01212	.01645	.01099

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.900	-1.980	.07470	.45515	.00106	.02048	-.10161	-.09554	.23376	-.14227	.10994	.14055
.901	-.001	.07249	.41164	.01927	.03276	-.07565	-.07417	.22546	-.11254	.14969	.16469
.900	1.973	.07069	.36679	.03458	.04611	-.05423	-.05701	.22283	-.08737	.18155	.18658
.900	3.975	.10464	.32235	.04886	.05851	-.03635	-.04038	.23584	-.06640	.20443	.20205
.900	5.969	.07693	.27876	.05807	.06651	-.02077	-.02734	.22807	-.04885	.22166	.20993
.900	7.987	.07942	.23550	.06251	.06769	-.01027	-.01805	.26283	-.03669	.23202	.21593
.900	9.981	.11112	.19189	.06705	.06929	-.00443	-.01661	.26834	-.02795	.23615	.21993
.899	11.999	.10889	.14776	.06555	.06789	-.00465	-.01541	.25537	-.02187	.23393	.21242
.900	13.996	.07874	.10656	.05302	.05465	-.00760	-.01734	.24179	-.02309	.22644	.20809
.900	16.018	.07892	.06420	.04089	.04342	-.01279	-.02544	.22913	-.02540	.21308	.19590
.900	18.047	.07420	.02201	.02200	.02779	-.02380	-.03686	.21195	-.03338	.19160	.18406
	GRADIENT	.00445	-.02234	.00800	.00642	.01095	.00920	.00019	.01274	.01589	.01040

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.949	-1.982	.05388	.49529	.04469	.06206	-.05623	-.04789	.12145	-.09055	.15140	.18186
.948	-.011	.07757	.44812	.05844	.07216	-.03447	-.02980	.17056	-.06166	.18593	.20173
.950	1.936	.02827	.40662	.07592	.08670	-.01128	-.01078	.16830	-.03384	.21942	.22389
.949	3.980	.08601	.35952	.08815	.09721	.00592	.00391	.18826	-.01347	.24016	.23797
.950	5.987	.08375	.31533	.09641	.10432	.02125	.01605	.17214	.00370	.25648	.24407
.950	7.949	.08474	.27302	.10019	.10491	.03156	.02413	.12992	.01555	.26666	.25019
.949	10.002	.08931	.22617	.10330	.10503	.03639	.02462	.10694	.02376	.27039	.25304
.947	12.001	.07577	.18271	.10041	.10166	.03421	.02262	.10560	.02784	.26787	.24788
.951	14.039	.01313	.14197	.08752	.08906	.03269	.02269	.03720	.02943	.26201	.24298
.950	15.942	.03737	.10073	.07492	.07540	.02636	.01165	.04652	.02415	.24995	.23122
.952	18.019	.00882	.05739	.05482	.05867	.01410	.00016	.04804	.01641	.23249	.21829
	GRADIENT	.00246	-.02263	.00745	.00605	.01056	.00879	.00999	.01305	.01510	.00959

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.980	-2.081	.00937	.52245	.07024	.08888	-.02773	-.01948	.00338	-.05643	.17534	.20768
.980	.046	.03264	.47315	.08590	.10029	-.00179	.00186	.01859	-.02786	.21205	.22965
.980	2.007	.03323	.42626	.09973	.11189	.01802	.01616	.02267	-.00155	.24155	.24659
.980	3.910	.03541	.38194	.11129	.12180	.03498	.02994	.01009	.01809	.26194	.25747
.979	5.939	.03090	.33674	.11926	.12789	.05006	.04176	.00752	.03507	.27462	.26604
.980	7.962	.03477	.29067	.12328	.12790	.05944	.04928	.00251	.04717	.28670	.27133
.980	9.950	.00029	.24642	.12513	.12705	.06492	.04880	-.01486	.05480	.29058	.27289
.980	12.006	.00981	.20243	.12243	.12407	.06379	.04811	-.02881	.06055	.28931	.26860
.980	13.993	-.01562	.16053	.10724	.10731	.05850	.04369	-.03398	.05722	.28232	.26026
.980	16.016	-.02645	.11789	.09374	.09344	.05282	.03336	-.04745	.05395	.27103	.25048
.980	18.015	.01322	.07673	.07281	.07632	.03918	.02038	-.03864	.04504	.25439	.24042
	GRADIENT	.00401	-.02350	.00688	.00554	.01045	.00817	.00129	.01255	.01455	.00837

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.050	-1.963	-.03566	.57520	.14055	.15821	.04235	.05449	-.14687	.01930	.25297	.28116
1.049	-.011	-.05021	.53002	.15216	.16507	.06848	.07022	-.14730	.04614	.28362	.29637
1.049	1.940	-.05442	.48612	.16356	.17520	.09035	.08396	-.14936	.07205	.31238	.31522
1.050	3.965	-.02538	.43911	.17272	.18306	.10206	.09438	-.15305	.08834	.32782	.32442
1.049	5.981	-.01991	.39333	.17698	.18644	.11307	.10211	-.16364	.10718	.33724	.32768
1.050	7.988	-.03590	.34769	.17797	.18405	.12061	.10778	-.17071	.11830	.34643	.33007
1.050	10.014	-.02505	.30273	.17695	.18065	.12418	.10494	-.17016	.12554	.34953	33297
1.049	12.002	-.00521	.25925	.17220	.17482	.11999	.10124	-.16039	.12877	.34715	.32890
1.049	13.994	-.00335	.21889	.15130	.15709	.10946	.09485	-.17797	.12506	.33880	.32234
1.049	16.017	-.06232	.18002	.13309	.13524	.10052	.07820	-.17834	.11802	.32710	.30776
1.050	17.994	-.05396	.14887	.10946	.10864	.08381	.06089	-.16312	.10775	.31476	.29660
	GRADIENT	.00139	-.02292	.00547	.00429	.01017	.00675	-.00105	.01180	.01282	.00752

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.100	-1.895	.04138	.61718	.19687	.21800	.10345	.11995	-.20072	.08993	.30293	.33284
1.100	-.033	-.02159	.57233	.20683	.22343	.12765	.13528	-.19748	.11368	.32870	.34550
1.100	1.941	-.02636	.52702	.21637	.23155	.14889	.14653	-.21451	.13955	.35533	.36203
1.101	4.017	.03931	.48118	.22464	.23773	.16061	.15684	-.20528	.15468	.36978	.36923
1.100	6.001	.03728	.43592	.22770	.24005	.16902	.16204	-.21932	.17185	.37956	.36997
1.100	8.012	.02955	.39083	.22657	.23591	.17589	.16608	-.21331	.18211	.38530	.37185
1.100	10.034	.02124	.34617	.22416	.23152	.17751	.16225	-.20413	.18769	.38676	.37444
1.100	12.005	-.03848	.30379	.21775	.22343	.17154	.15542	-.21212	.18907	.38502	.36864
1.099	13.998	-.01951	.26648	.19518	.20491	.15914	.14775	-.18085	.18420	.37763	.36381
1.100	16.034	.02804	.23362	.17328	.18122	.14704	.12926	-.16406	.17678	.36770	.35305
1.101	18.066	.03915	.20664	.13814	.13791	.12251	.10558	-.16626	.16246	.35720	.34253
1.100	GRADIENT	-.00020	-.02299	.00470	.00342	.00974	.00617	-.00154	.01114	.01149	.00636

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-1.882	.03755	.62562	.21226	.22889	.12020	.13635	-.13549	.12811	.32565	.35437
1.151	.029	.05607	.57926	.21992	.23958	.13278	.14651	-.13049	.14411	.34757	.36161
1.149	2.084	.03604	.53046	.22649	.24489	.14982	.15969	-.13997	.16599	.36944	.37628
1.149	3.966	.03535	.48597	.23014	.24770	.16672	.17169	-.14429	.18207	.38076	.37910
1.149	6.005	.03669	.43805	.22766	.24567	.17731	.17258	-.14902	.19634	.38508	.37650
1.150	8.013	.05529	.39460	.22447	.23731	.17139	.16979	-.14543	.20276	.38935	.37754
1.150	10.051	.02544	.35409	.21687	.22805	.15602	.15389	-.14822	.20881	.39073	.38085
1.150	12.043	.04822	.32112	.19977	.21436	.13685	.13915	-.14149	.21264	.39277	.37692
1.149	14.054	.04297	.29233	.17739	.17180	.10004	.10403	-.12812	.21091	.38874	.37610
1.149	16.042	.03648	.26868	.16411	.14386	.08440	.08702	-.12979	.21297	.38473	.36914
1.150	18.083	.05195	.20945	.15090	.13343	.06498	.07361	-.12775	.10625	.38057	.35974
	GRADIENT	-.00140	-.02387	.00307	.00315	.00799	.00608	-.00184	.00938	.00956	.00455

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.199	-1.899	.05515	.62289	.20352	.24143	.12420	.13644	-.13178	.14487	.35186	.36592
1.200	.031	.05866	.57376	.20688	.24007	.13864	.14171	-.12196	.17626	.36727	.36908
1.201	1.923	.05297	.52537	.21848	.24256	.13692	.15313	-.12180	.18968	.38371	.37721
1.200	3.944	.05186	.47923	.21909	.24422	.14708	.16531	-.13202	.19709	.39723	.37824
1.201	5.950	.05340	.43758	.21365	.24236	.15228	.16448	-.14117	.20900	.39583	.37500
1.199	8.010	.06385	.40281	.21108	.21347	.14705	.16109	-.14412	.21377	.39847	.37668
1.199	10.011	.07706	.37126	.20561	.19622	.11201	.12688	-.13350	.21863	.40047	.38369
1.200	12.066	.07659	.34197	.19459	.18144	.10406	.11465	-.13109	.21046	.40336	.38292
1.200	14.048	.07415	.30874	.18485	.17179	.08967	.10757	-.12588	.13807	.40282	.38077
1.200	16.006	.05178	.24180	.17627	.15674	.07407	.09296	-.10635	.07383	.40266	.37468
1.200	18.059	.05698	.17721	.17388	.15771	.06354	.08403	-.10579	.05961	.40470	.37199
	GRADIENT	-.00080	-.02468	.00299	.00056	.00345	.00505	-.00005	.00873	.00785	.00231

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.219	-1.949	.03305	.61735	.20249	.23533	.11794	.13953	-.13335	.15095	.36493	.36870
1.220	.000	.03524	.56748	.20522	.23581	.12536	.14282	-.12467	.17477	.37887	.37505
1.220	1.906	.04213	.52092	.20657	.23866	.13409	.14632	-.12345	.19675	.39451	.38317
1.219	3.926	.04444	.47772	.21327	.22915	.13588	.15006	-.13439	.20878	.40728	.38375
1.220	5.932	.04848	.43984	.20801	.20343	.13273	.14767	-.14159	.22046	.40553	.37968
1.220	7.974	.05153	.40596	.20995	.19762	.10628	.11063	-.14553	.22956	.40735	.37662
1.220	9.977	.06595	.37494	.20230	.18450	.09849	.09931	-.13372	.23384	.40811	.38282
1.219	12.006	.06980	.34765	.19770	.17804	.10291	.09756	-.12968	.18763	.41025	.38251
1.220	13.988	.06685	.29343	.19037	.17178	.09090	.09585	-.12422	.08486	.41065	.38249
1.220	16.019	.06078	.23014	.18256	.16080	.07557	.08525	-.11267	.06332	.41516	.38038
1.218	17.980	.05924	.17767	.17424	.15992	.06626	.07891	-.11082	.05339	.41238	.37459
	GRADIENT	.00210	-.02382	.00173	-.00082	.00319	.00180	-.00012	.00999	.00730	.00272

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.240	-2.006	.03607	.61558	.20995	.23499	.12757	.14282	-.13481	.15434	.37533	.37349
1.239	.029	.04522	.56437	.20458	.22760	.12988	.15199	-.12651	.17246	.38688	.38173
1.240	1.967	.04874	.51927	.20842	.22535	.12832	.14512	-.12752	.18950	.39768	.38831
1.239	4.034	.04755	.47915	.20881	.20757	.12945	.14564	-.13648	.20778	.40682	.38955
1.240	5.980	.04966	.44567	.21081	.20301	.10976	.12055	-.14372	.20635	.41443	.38662
1.240	7.979	.05070	.41299	.21280	.18910	.10036	.11075	-.14772	.19799	.41886	.38233
1.240	10.012	.06103	.38198	.21067	.18614	.09475	.10531	-.13492	.16691	.41809	.38747
1.240	11.996	.06236	.34102	.20444	.18332	.09174	.09908	-.13297	.08739	.41878	.38670
1.240	14.012	.05779	.28343	.19716	.17770	.08862	.09695	-.12932	.07032	.42005	.38660
1.239	16.012	.04936	.22549	.18722	.16405	.08126	.09340	-.11322	.05630	.42545	.38505
1.240	18.026	.04581	.17031	.17989	.16491	.06954	.08695	-.11205	.04633	.42416	.38005
	GRADIENT	.00189	-.02265	.00002	-.00423	.00021	.00009	-.00031	.00884	.00525	.00272

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	-1.990	.01709	.62044	.18894	.19029	.12812	.12863	-.13191	.18053	.41762	.40699
1.299	.002	.01829	.57516	.19050	.18518	.12192	.11606	-.12543	.19011	.42588	.41476
1.300	1.989	.01816	.53993	.19152	.18457	.10480	.09818	-.13215	.19036	.43266	.41989
1.300	3.995	.01773	.50575	.19379	.18388	.10377	.09477	-.13969	.18224	.45347	.42253
1.300	6.004	.02124	.47251	.19177	.17934	.11374	.09317	-.13525	.14512	.45061	.41986
1.300	8.026	.02127	.44490	.19778	.17433	.10435	.09398	-.13583	.08239	.45296	.41530
1.300	9.976	.02760	.38628	.20999	.17447	.09068	.09236	-.13220	.06483	.45356	.41666
1.300	12.011	.02962	.33159	.20141	.17655	.09510	.09485	-.14015	.06274	.45636	.41557
1.300	14.019	.02447	.27202	.19566	.17554	.09956	.09537	-.13749	.06135	.45595	.41520
1.299	15.969	.01963	.21856	.18340	.16676	.10133	.09493	-.12189	.05738	.46013	.41363
1.300	18.050	.01941	.16977	.17104	.16478	.08426	.09182	-.12956	.04777	.46734	.40885
	GRADIENT	.00009	-.01902	.00078	-.00099	-.00452	-.00599	-.00151	.00027	.00574	.00260

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.399	-1.985	-.04436	.63492	.19015	.19684	.08448	.12157	-.12819	.17419	.46991	.38058
1.400	.022	-.03206	.59361	.19503	.20161	.08189	.11235	-.12834	.16764	.48464	.38667
1.400	1.962	-.04248	.55812	.20322	.19940	.07781	.12030	-.13462	.14421	.49374	.40306
1.399	3.977	-.03960	.52758	.20194	.19649	.08102	.11893	-.14099	.10489	.54108	.41602
1.400	5.952	-.04234	.46718	.20530	.19325	.09389	.12318	-.14581	.09738	.51850	.44013
1.400	7.986	-.03715	.39277	.20728	.19438	.08614	.11944	-.14481	.09001	.52032	.45171
1.400	9.965	-.03193	.34939	.21420	.19671	.08201	.11798	-.13188	.08396	.51864	.45110
1.400	11.982	-.02774	.29988	.20933	.20876	.08848	.12041	-.13439	.07867	.52051	.45214
1.400	13.992	-.03162	.24503	.20020	.20020	.09403	.11585	-.12183	.07648	.51967	.45033
1.400	15.951	-.03524	.19993	.19510	.19176	.08781	.11059	-.13257	.07208	.54459	.45074
1.400	17.977	-.03305	.14978	.18790	.19009	.09076	.10760	-.15591	.06576	.54208	.44995
	GRADIENT	.00021	-.01803	.00219	-.00016	-.00073	-.00001	-.00225	-.01167	.01125	.00619

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.550	-1.859	-.13798	.63880	.17573	.16919	.06784	.11497	-.11644	.10614	.52656	.33456
1.550	.031	-.13614	.59260	.18050	.17131	.07433	.11314	-.11375	.08873	.55713	.35772
1.550	2.052	-.13690	.54008	.18575	.18035	.07863	.13619	-.11963	.09743	.47014	.36296
1.551	4.093	-.13171	.47612	.19563	.18526	.09915	.15766	-.12977	.09560	.57084	.37550
1.550	6.060	-.12907	.42138	.20074	.19144	.09142	.14552	-.13270	.09907	.58319	.39309
1.550	8.088	-.12448	.39777	.19527	.19052	.07298	.13073	-.13592	.10247	.59674	.40272
1.550	10.082	-.11705	.33273	.19121	.18847	.07276	.13396	-.13608	.09749	.59720	.41536
1.550	12.062	-.11310	.28235	.19667	.18854	.08056	.12475	-.13591	.08800	.60164	.42868
1.550	14.095	-.11200	.23450	.19322	.19058	.08558	.12326	-.12970	.08541	.59375	.43271
1.549	16.084	-.11012	.18567	.18835	.19396	.08185	.12793	-.13979	.07395	.61949	.43593
	GRADIENT	.00091	-.02722	.00327	.00289	.00496	.00765	-.00233	-.00111	.00236	.00641

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.201	-1.827	2.02960	.31614	-.12728	-.04267	-.19340	-.12434	.21868	-.15226	-.06471	.02486
.201	.217	2.05269	.27860	-.09864	-.01690	-.16901	-.10211	.23017	-.12858	-.01263	.07689
.203	2.133	2.06119	.23666	-.07971	.00012	-.15043	-.08663	.22673	-.11480	.02043	.11071
.204	4.121	2.04341	.18977	-.07523	.00023	-.14514	-.08346	.22284	-.11338	.03830	.13305
.203	6.092	1.96772	.14275	-.07280	.00466	-.14119	-.08320	.21863	-.11475	.05072	.14484
.204	7.842	1.84828	.10049	-.06790	.00835	-.13306	-.07546	.23057	-.11026	.05964	.15867
.200	9.797	1.66435	.06019	-.06106	.00352	-.12708	-.07964	.24361	-.11424	.07098	.16129
.200	11.702	1.75393	.01279	-.07433	-.00737	-.14056	-.09081	.24931	-.12768	.05598	.15019
.201	13.722	1.80566	-.04090	-.09168	-.02523	-.15171	-.10446	.25240	-.13965	.03122	.12903
.201	15.703	1.84058	-.07289	-.09505	-.03235	-.15349	-.11064	.26090	-.14360	.01611	.11224
	GRADIENT	.00255	-.02130	.00887	.00739	.00828	.00700	.00048	.00661	.01734	.01816

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.397	-1.949	2.07008	.34090	-.10339	-.02046	-.17139	-.10526	.23276	-.13178	-.03461	.05499
.398	.036	2.05583	.29423	-.08819	-.00657	-.15687	-.09282	.22469	-.12046	.00364	.09189
.398	2.027	2.08019	.25100	-.07142	.00923	-.14228	-.08113	.22740	-.10987	.03546	.12621
.398	4.034	2.07320	.20647	-.06432	.01191	-.13312	-.07402	.22392	-.10584	.05570	.14827
.398	6.021	2.09153	.16058	-.05908	.02147	-.12673	-.06957	.22492	-.10178	.06839	.16370
.399	7.888	1.93939	.11977	-.05348	.02420	-.11906	-.06357	.24095	-.09845	.08158	.17477
.399	9.869	1.87584	.07659	-.05222	.01806	-.11781	-.06621	.25162	-.10188	.08131	.17725
.399	11.864	1.85206	.03486	-.05612	.01456	-.12172	-.06932	.26451	-.10657	.07703	.17376
.399	13.871	1.87767	-.01369	-.07079	-.00082	-.12981	-.08127	.26894	-.11700	.05937	.15778
.399	15.864	1.89269	-.05531	-.08114	-.01556	-.13814	-.09394	.27066	-.12809	.03793	.13389
.398	17.907	1.91437	-.09120	-.09953	-.03255	-.15005	-.10883	.26948	-.14192	.00662	.10604
	GRADIENT	.00163	-.02239	.00672	.00566	.00649	.00528	-.00119	.00443	.01518	.01575

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.600	-1.921	1.96689	.34519	-.10709	-.01555	-.18416	-.11354	.24333	-.14480	-.02351	.07077
.600	.057	1.97003	.29646	-.09096	-.00588	-.16606	-.09828	.23108	-.13121	.01804	.10686
.601	2.070	1.96307	.24866	-.07476	.00826	-.15024	-.08586	.23241	-.11957	.04143	.13711
.600	4.093	1.98050	.20444	-.06425	.01770	-.13827	-.07574	.23232	-.11162	.06342	.15995
.602	6.111	2.02001	.16149	-.05803	.02469	-.13011	-.07000	.23093	-.10629	.07527	.17357
.601	8.014	2.01798	.11884	-.05399	.02923	-.12333	-.06422	.23909	-.10145	.09188	.18582
.601	10.027	1.88551	.07848	-.05100	.02319	-.11781	-.06746	.25592	-.10516	.09672	.18666
.601	11.881	1.93529	.03956	-.05318	.01998	-.12190	-.07115	.27154	-.10893	.08715	.18323
.600	13.852	1.98140	-.00077	-.06508	.00546	-.12839	-.07829	.27894	-.11624	.07256	.17027
.599	15.888	1.99601	-.04067	-.07618	-.00956	-.13729	-.09060	.27909	-.12669	.05049	.15104
.600	17.886	2.01532	-.08113	-.09639	-.02512	-.14926	-.10456	.27884	-.13938	.02170	.12753
	GRADIENT	.00169	-.02343	.00721	.00563	.00765	.00627	-.00157	.00554	.01416	.01484

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.697	-1.908	1.99556	.36666	-.10196	-.01029	-.18948	-.11502	.24088	-.15122	-.00849	.08909
.700	.005	2.00455	.31986	-.08686	.00073	-.17004	-.09820	.22959	-.13625	.03130	.12198
.701	2.105	1.97784	.26936	-.06812	.01533	-.15144	-.08455	.23062	-.12086	.05864	.15341
.701	4.058	2.00612	.22846	-.05735	.02632	-.13786	-.07229	.22970	-.11055	.08412	.17456
.702	6.096	2.02556	.19005	-.05042	.03428	-.12768	-.06482	.22983	-.10269	.09694	.19005
.700	7.970	1.95649	.14822	-.04563	.03836	-.11940	-.05856	.23918	-.09723	.10618	.19998
.699	10.039	1.87047	.10279	-.04213	.03436	-.11559	-.05902	.25729	-.09719	.10947	.20373
.699	11.895	1.91395	.06277	-.04581	.03202	-.11812	-.06107	.26571	-.09859	.10378	.19996
.699	13.859	1.95092	.02153	-.05651	.01794	-.12254	-.06681	.26898	-.10438	.08617	.18798
.698	15.880	1.95811	-.02238	-.06819	.00440	-.13068	-.07738	.27021	-.11237	.06607	.17187
.699	17.891	1.97689	-.06293	-.08762	-.01196	-.14185	-.09072	.26988	-.12492	.04061	.14924
	GRADIENT	.00018	-.02326	.00763	.00623	.00867	.00709	-.00161	.00687	.01524	.01439

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.799	-2.004	2.08335	.39626	-.08669	.00875	-.18573	-.10627	.23601	-.15297	.01569	.12367
.799	-.017	2.05686	.34839	-.06845	.02066	-.16057	-.08677	.22510	-.13276	.05654	.15330
.800	2.012	2.05643	.30300	-.05077	.03512	-.13979	-.07076	.22793	-.11193	.08623	.18128
.800	3.963	2.10071	.26174	-.03877	.04731	-.12334	-.05635	.22660	-.09661	.10636	.20146
.800	6.025	2.08432	.21884	-.03006	.05578	-.10975	-.04637	.22520	-.08359	.12039	.21594
.800	7.926	1.97903	.17789	-.02449	.06029	-.09836	-.03767	.22643	-.07406	.13034	.22714
.800	9.993	1.98886	.13513	-.02096	.06083	-.09384	-.03332	.23720	-.06724	.13115	.23445
.800	11.885	1.86603	.09710	-.01949	.05599	-.09404	-.03707	.24016	-.06731	.13101	.22790
.800	13.917	1.91870	.05564	-.03284	.04290	-.09815	-.03999	.24883	-.06978	.11854	.21907
.800	15.945	1.92168	.01137	-.04473	.03036	-.10255	-.04908	.25276	-.07514	.10545	.20335
.800	17.930	1.93482	-.03023	-.06134	.01402	-.11340	-.06175	.25405	-.08587	.08174	.18434
	GRADIENT	.00255	-.02253	.00810	.00653	.01044	.00832	-.00127	.00953	.01515	.01312

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.849	-1.913	1.88760	.41441	-.06450	.02509	-.16735	-.09226	.23341	-.14251	.04268	.14706
.849	.022	1.98563	.37014	-.04986	.03850	-.14429	-.07059	.23593	-.11741	.07879	.17656
.850	1.976	2.02953	.32828	-.03257	.05383	-.12309	-.05275	.23240	-.09244	.10553	.20250
.850	4.042	2.01113	.28454	-.01906	.06541	-.10428	-.03762	.22832	-.07492	.12608	.22154
.850	6.043	2.10182	.24233	-.01189	.07532	-.09056	-.02526	.22136	-.05851	.13789	.23693
.850	7.988	2.06958	.20104	-.00668	.08089	-.07891	-.01518	.22022	-.04613	.14719	.24938
.850	10.078	1.89658	.15923	.00198	.07850	-.07023	-.01397	.23070	-.04102	.15405	.25112
.850	11.928	1.91231	.12017	-.00014	.07605	-.07257	-.01499	.23343	-.03703	.15096	.24853
.849	13.950	1.96210	.07620	-.01334	.06210	-.07551	-.01774	.23935	-.03907	.13766	.23971
.850	15.933	1.98740	.03617	-.02466	.05075	-.07956	-.02538	.24298	-.04249	.12809	.22663
.850	17.980	1.99924	-.00759	-.04246	.03414	-.09143	-.03821	.23978	-.05275	.10901	.20909
	GRADIENT	.02071	-.02177	.00775	.00687	.01061	.00916	-.00096	.01147	.01395	.01256

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.901	-1.991	2.08210	.44633	-.03472	.05788	-.13565	-.05845	.22621	-.10706	.07241	.18206
.899	-.038	2.12317	.40252	-.01894	.06987	-.11080	-.03814	.22459	-.08010	.10888	.20844
.899	1.974	2.11906	.35860	-.00193	.08373	-.08770	-.02054	.23113	-.05464	.13548	.23259
.900	3.952	2.13377	.31690	.01091	.09609	-.06990	-.00464	.23165	-.03482	.15359	.25182
.900	5.989	2.13583	.27541	.01924	.10483	-.05414	.00806	.22595	-.01742	.16620	.26402
.900	7.876	2.03755	.23616	.02352	.10909	-.04279	.01721	.23449	-.00552	.17500	.27586
.900	10.025	1.80871	.19233	.03329	.10713	-.03383	.01916	.26311	.00114	.18188	.27780
.900	11.900	1.84698	.15231	.02942	.10535	-.03603	.01855	.25453	.00634	.17873	.27713
.900	13.924	1.88942	.11058	.01602	.09186	-.03972	.01633	.23877	.00545	.17004	.26803
.899	15.891	1.85803	.07084	.00587	.07901	-.04340	.00750	.22489	.00088	.16098	.25477
.899	17.929	1.88761	.02801	-.01302	.06253	-.05507	-.00526	.20806	-.00876	.14225	.24003
	GRADIENT	.00758	-.02179	.00776	.00648	.01111	.00902	.00116	.01221	.01361	.01176

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.950	-1.972	2.04457	.48312	.00814	.10139	-.08859	-.01043	.12322	-.05453	.11527	.22474
.950	.045	1.99295	.43899	.02443	.11151	-.06362	.00804	.14731	-.02739	.15096	.24771
.950	1.988	2.02304	.39695	.03877	.12381	-.04261	.02451	.14540	-.00227	.17438	.26992
.950	4.016	2.02635	.35318	.05177	.13458	-.02526	.03867	.16326	.01662	.19100	.28698
.950	6.057	2.06653	.31218	.05774	.14189	-.01062	.04992	.15047	.03281	.20101	.29871
.950	7.981	2.00429	.27153	.06220	.14524	.00064	.05755	.11745	.04439	.21036	.30820
.951	10.031	2.03208	.22645	.06742	.14639	.00672	.06210	.08359	.05397	.21305	.31468
.950	11.930	1.89113	.18650	.06685	.14073	.00595	.05778	.07409	.05706	.21520	.30935
.949	14.018	2.00172	.14259	.04813	.12593	-.00089	.05533	.05828	.05508	.20354	.30308
.950	15.938	1.98679	.10428	.03783	.11292	-.00487	.04591	.05600	.05038	.19688	.28941
.950	17.931	1.96310	.06396	.02009	.09509	-.01534	.03202	.03115	.04090	.18115	.27521
	GRADIENT	-.00127	-.02169	.00730	.00562	.01060	.00823	.00596	.01198	.01259	.01049

OA232 AEDC 16T TF431 LA .2A RFN.15 (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.980	-2.030	2.01267	.51322	.03663	.12767	-.05771	.01792	.00732	-.02384	.14236	.24941
.980	.010	2.05462	.46549	.04959	.13798	-.03203	.03747	.00769	.00383	.17524	.27347
.980	1.987	2.03801	.42155	.06543	.14961	-.01135	.05218	.01197	.02910	.19937	.29208
.980	4.017	2.04319	.37743	.07622	.15916	.00590	.06576	.01551	.04802	.21440	.30949
.979	6.008	2.11275	.33346	.08087	.16590	.01875	.07636	.01066	.06393	.22394	.31879
.979	7.948	1.98303	.28848	.08584	.16717	.02948	.08263	-.00053	.07431	.23316	.32814
.981	9.975	1.97438	.24563	.08976	.16800	.03664	.08608	-.01550	.08375	.23607	.33391
.979	11.942	1.91228	.20254	.08620	.16203	.03282	.08086	-.02021	.08625	.23450	.32924
.980	13.938	1.94006	.15928	.06934	.14618	.02770	.07737	-.02731	.08367	.22604	.32173
.979	15.929	1.93426	.11963	.05610	.13170	.02074	.06665	-.03929	.07870	.21485	.30802
.981	17.964	1.96084	.08180	.03698	.11352	.00854	.05229	-.04673	.06861	.20309	.29620
.980	18.933	1.94876	.06355	.02676	.10129	-.00005	.04322	-.05085	.06114	.19120	.28811
	GRADIENT	.00375	-.02243	.00669	.00527	.01051	.00787	.00143	.01197	.01194	.00989

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.051	-1.981	1.92928	.56567	.10480	.19293	.00699	.08811	-.14119	.05012	.21981	.31771
1.049	.002	1.97726	.52052	.11597	.20147	.03041	.10499	-.14670	.07581	.24706	.33846
1.050	2.007	2.01050	.47550	.12745	.21206	.05845	.11807	-.14998	.10213	.26961	.35881
1.049	4.009	2.02564	.43271	.13551	.21834	.06789	.12800	-.13247	.11694	.28047	.37066
1.051	6.077	2.04522	.39084	.13964	.22330	.07888	.13620	-.13496	.13369	.28947	.38028
1.050	7.994	1.99357	.34759	.14123	.22314	.08755	.14066	-.14478	.14380	.29450	.38680
1.050	9.971	1.99066	.30373	.14078	.21969	.09236	.14120	-.16344	.15087	.29467	.39088
1.050	11.999	1.96371	.26215	.13463	.21343	.08681	.13515	-.16984	.15381	.29423	.38805
1.049	13.935	1.98218	.22231	.11313	.19393	.07780	.12870	-.17872	.14916	.28711	.37969
1.049	15.931	1.97994	.18772	.09361	.17588	.06775	.11395	-.19198	.14244	.27678	.36868
1.049	17.964	2.00411	.15733	.06948	.14957	.04975	.09403	-.17994	.12967	.26881	.35239
1.050	18.963	2.01906	.14576	.04655	.13178	.03287	.08339	-.17244	.12208	.25809	.34769
	GRADIENT	.01613	-.02222	.00519	.00435	.01055	.00664	.00115	.01135	.01024	.00897

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.100	-2.011	1.95504	.60715	.16467	.25116	.06917	.15133	-.20777	.11755	.27172	.36792
1.100	.036	1.98418	.56059	.17331	.25755	.09324	.16833	-.18975	.14295	.29767	.38624
1.099	1.984	2.01570	.51734	.18246	.26610	.11852	.17858	-.19429	.16675	.31525	.40388
1.099	4.064	1.99558	.47429	.18983	.27131	.13024	.18830	-.18450	.18184	.32506	.41399
1.101	6.016	2.09978	.43238	.19006	.27435	.13570	.19438	-.20836	.19671	.32843	.42188
1.099	7.998	2.01478	.38854	.19405	.27240	.14597	.19724	-.20701	.20553	.33429	.42670
1.101	9.959	1.95867	.34542	.19124	.26722	.14936	.19547	-.22178	.21225	.33488	.42999
1.100	11.929	1.93488	.30747	.18429	.25727	.14330	.18513	-.21332	.21112	.33664	.42326
1.100	13.880	1.90402	.26822	.16157	.23774	.13141	.17801	-.22056	.20684	.33032	.41672
1.101	15.863	1.92891	.23720	.13901	.21551	.11657	.16034	-.23024	.19777	.32144	.40553
1.100	17.929	1.91656	.21214	.10243	.17824	.09784	.13291	-.17502	.18086	.31976	.39149
	GRADIENT	.00754	-.02190	.00419	.00342	.01032	.00601	.00325	.01073	.00880	.00772

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.149	-1.946	2.00096	.61672	.17801	.26463	.08441	.16594	-.13353	.15831	.30212	.38948
1.151	.041	2.04945	.56761	.18525	.26872	.09563	.19066	-.12922	.17267	.32135	.40187
1.149	2.010	2.03887	.52435	.19349	.27959	.10648	.19660	-.13178	.19326	.33467	.41671
1.150	4.046	2.06342	.47972	.19509	.28181	.12385	.20362	-.13874	.20840	.33826	.42441
1.150	6.022	2.08110	.43433	.19072	.27995	.13529	.20266	-.14661	.22089	.34203	.42719
1.149	7.940	2.02883	.39229	.18944	.27320	.13752	.20057	-.13389	.22806	.34543	.43119
1.151	9.996	1.80510	.35355	.18262	.25759	.12731	.18094	-.14535	.22768	.35145	.42943
1.150	11.910	1.87832	.32343	.17377	.24464	.10773	.16768	-.14497	.22716	.35248	.42885
1.150	13.852	1.88880	.29586	.14249	.21724	.06224	.12886	-.14211	.22124	.35135	.42523
1.149	15.884	1.92111	.27366	.12871	.19750	.04861	.11564	-.15001	.21968	.34616	.41639
1.150	17.883	1.90698	.21659	.12252	.17416	.03540	.10207	-.11945	.12491	.35338	.40746
	GRADIENT	.00887	-.02277	.00298	.00313	.00648	.00596	-.00092	.00856	.00609	.00599

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.200	-2.026	2.04124	.61255	.16626	.27496	.09902	.17492	-.12664	.17613	.33455	.39874
1.200	.095	2.05843	.56291	.16994	.27561	.10818	.18076	-.12334	.19473	.34562	.40702
1.200	1.941	2.07839	.51382	.17873	.27778	.11455	.18584	-.10032	.21491	.35453	.41681
1.201	4.006	2.06536	.47573	.18460	.27331	.11388	.20101	-.11907	.23083	.36231	.42272
1.200	6.036	2.07288	.43864	.17835	.26508	.11678	.19957	-.13653	.24146	.36854	.42521
1.199	7.909	1.93482	.40317	.17409	.25408	.11632	.18277	-.12637	.24582	.37183	.42877
1.201	9.941	1.95029	.37494	.17138	.23542	.08157	.14233	-.13613	.24843	.37224	.43486
1.199	11.883	1.84912	.34577	.16551	.21861	.07837	.13889	-.13853	.24821	.37379	.43409
1.199	13.868	1.88859	.31371	.15648	.20615	.06462	.12855	-.11374	.19677	.37714	.43100
1.199	15.898	1.90334	.24313	.14709	.18935	.05000	.11959	-.13899	.09968	.37361	.42321
1.200	17.950	1.91843	.18046	.14414	.18257	.03932	.11370	-.10138	.08209	.38122	.41743
	GRADIENT	.00460	-.02274	.00319	-.00015	.00255	.00418	.00223	.00923	.00462	.00409

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.299	-1.986	2.02750	.61402	.14463	.24132	.09957	.16226	-.13153	.20194	.40609	.43571
1.300	-.006	2.04150	.57135	.15100	.23189	.07906	.15533	-.12194	.20429	.41607	.45122
1.300	2.003	2.03338	.53617	.15890	.23032	.06248	.13517	-.11569	.20765	.42915	.45651
1.300	4.023	2.04025	.50387	.16090	.22710	.06920	.13309	-.12734	.19840	.43496	.45926
1.301	6.014	2.10931	.47478	.16154	.22725	.06882	.13349	-.14535	.16664	.43963	.45955
1.301	7.960	2.00726	.44792	.16777	.22656	.04564	.15582	-.13900	.11105	.44527	.45736
1.300	9.956	1.96155	.39235	.16253	.23027	.03080	.13711	-.13847	.13022	.44516	.45148
1.300	11.944	1.91578	.32709	.16375	.22489	.03425	.14249	-.13902	.11355	.44758	.44908
1.299	13.928	1.93449	.27188	.15529	.22066	.04072	.13817	-.14668	.10797	.44990	.44898
1.300	15.933	1.95157	.21607	.14719	.20379	.04962	.14422	-.12999	.09662	.45834	.44817
1.300	17.979	1.95510	.16573	.13695	.19474	.04224	.14498	-.11421	.07977	.46223	.44344
	GRADIENT	.00150	-.01824	.00283	-.00220	-.00536	-.00537	.00093	-.00037	.00497	.00378

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.400	-1.935	1.89879	.62966	.15143	.23328	.05393	.15258	-.13560	.21211	.44840	.46694
1.400	.005	1.96467	.59388	.16146	.23846	.05231	.14906	-.13095	.20793	.46295	.46079
1.400	1.991	1.97669	.56109	.16518	.24099	.04827	.14091	-.12742	.17244	.48035	.47140
1.400	4.002	2.01635	.54177	.16547	.24200	.05623	.15562	-.13239	.12708	.48630	.47610
1.399	6.067	2.08551	.48142	.16806	.24525	.05743	.15058	-.14305	.12790	.49869	.48046
1.400	8.005	2.04772	.41706	.16488	.23463	.05998	.14384	-.14787	.10920	.50617	.47561
1.400	10.062	2.06657	.34810	.17371	.23880	.06397	.12850	-.14756	.10964	.50830	.47931
1.399	11.982	1.97922	.28133	.17731	.24134	.07549	.13742	-.16398	.10836	.51217	.48032
1.400	13.953	1.99731	.23090	.16876	.22810	.07473	.14249	-.15560	.09656	.51410	.47485
1.400	15.999	2.02063	.19142	.16616	.22469	.07478	.14039	-.14297	.08800	.55037	.46905
1.400	17.976	2.03245	.15046	.16316	.22393	.07168	.14438	-.14415	.08393	.54187	.46731
	GRADIENT	.01839	-.01496	.00231	.00145	.00015	.00006	.00066	-.01472	.00700	.00194

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.549	-1.816	1.87177	.63932	.13089	.21430	.03354	.15065	-.12168	.13866	.48428	.38833
1.550	.129	1.85364	.58069	.14566	.21947	.03430	.14113	-.11483	.13451	.51524	.41204
1.551	2.137	1.87140	.51535	.14800	.22570	.04289	.14157	-.10851	.14967	.45562	.42174
1.550	4.139	1.88668	.46355	.14888	.23344	.05203	.15949	-.12080	.13920	.51264	.43983
1.550	6.194	1.94955	.42585	.15015	.24880	.05352	.15663	-.13402	.11842	.51909	.45771
1.550	8.094	1.95764	.37121	.16392	.25103	.06204	.14853	-.12885	.09724	.55900	.47661
1.550	10.106	1.95235	.31448	.16742	.21782	.05997	.15077	-.14003	.10230	.55691	.48727
1.550	11.921	2.02005	.25611	.15519	.22510	.08010	.13143	-.15476	.09866	.55698	.49506
1.551	13.891	2.06119	.21089	.15535	.22248	.07202	.13198	-.14947	.09631	.55708	.50164
1.550	15.882	2.07760	.16852	.14780	.21888	.06963	.12128	-.14401	.09136	.52498	.50715
1.550	17.910	2.10242	.12096	.14862	.22248	.05997	.11495	-.16358	.08621	.55987	.50877
	GRADIENT	.00317	-.02981	.00282	.00320	.00323	.00137	.00044	.00085	.00126	.00825

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.260	7.995	.04279	.43174	.21686	.16727	.09997	.10400	-.13727	.17980	.42875	.39345
1.260	11.981	.05197	.34673	.21734	.17539	.09626	.09397	-.13420	.07195	.43235	.39624
1.261	15.954	.03738	.22064	.19851	.16853	.08893	.09880	-.11514	.04856	.43557	.39217
1.260	17.997	.04313	.17035	.18601	.16707	.07705	.09050	-.11903	.04103	.43880	.38685
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.280	7.973	.02796	.43883	.20932	.17090	.09725	.11992	-.13624	.09875	.43974	.40779
1.279	12.004	.03705	.33448	.21553	.17574	.09924	.12270	-.13795	.05094	.43998	.40501
1.280	16.026	.02301	.22211	.19642	.16447	.09293	.11852	-.12266	.04018	.44803	.40223
1.281	17.973	.02022	.17433	.18113	.16129	.08204	.10704	-.12965	.03241	.45245	.39651
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.300	7.980	.02181	.44623	.19724	.17469	.10453	.09407	-.13579	.08308	.45273	.41551
1.299	12.031	.02820	.32960	.20156	.17681	.09610	.09538	-.13962	.06300	.45687	.41583
1.300	15.998	.01741	.21624	.18315	.16638	.10115	.09493	-.12229	.05685	.46037	.41352
1.299	18.005	.01597	.17041	.17082	.16504	.08448	.09214	-.12989	.04788	.46645	.40871
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.321	7.999	.01218	.44842	.20575	.18458	.08800	.10891	-.13708	.06859	.46732	.42169
1.320	11.971	.02323	.32305	.22193	.18468	.08102	.09954	-.14312	.06766	.46767	.42125
1.320	16.033	.01317	.21184	.17728	.17382	.08550	.09849	-.12575	.05042	.47236	.41997
1.320	17.990	.01124	.16475	.16736	.17457	.07758	.09070	-.13532	.04385	.48181	.41719
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.340	7.967	.00302	.45646	.19743	.19800	.09580	.12097	-.14242	.09393	.48224	.43459
1.341	12.003	.01522	.31780	.19305	.20370	.09581	.11206	-.14164	.08970	.48247	.43559
1.340	16.031	.00754	.21048	.18085	.18883	.08462	.10876	-.12905	.07015	.48694	.43389
1.340	17.999	.00102	.16709	.17228	.18981	.08770	.10728	-.14360	.06186	.49568	.43003
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (FVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.360	7.963	-.01273	.43778	.20729	.20729	.09226	.11619	-.14712	.08809	.49582	.43778
1.360	12.007	-.01788	.31874	.20761	.19937	.07038	.11526	-.14779	.08028	.49761	.44131
1.361	16.017	-.00678	.20766	.18543	.19365	.08098	.11067	-.13333	.06513	.50058	.44000
1.361	18.000	-.00465	.16457	.18875	.19391	.07823	.10826	-.14373	.06039	.51106	.43622
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.380	7.969	-.03249	.42711	.20887	.19562	.08596	.12450	-.14972	.07970	.51001	.44245
1.380	11.979	-.01570	.31512	.21819	.20119	.07289	.10856	-.13782	.08009	.51128	.44627
1.380	16.017	-.02373	.19932	.19163	.18446	.09280	.11577	-.13246	.06549	.51278	.44535
1.380	17.982	-.02411	.15848	.19120	.18901	.09567	.10915	-.14882	.06319	.52640	.44361
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.400	7.959	-.04207	.39268	.20780	.19350	.08738	.11763	-.14552	.09047	.52016	.45089
1.400	11.972	-.02891	.30263	.20882	.20853	.08807	.12015	-.13478	.07809	.52021	.45187
1.401	15.967	-.03620	.19918	.19493	.19177	.08848	.11097	-.13213	.07198	.52383	.45001
1.400	18.000	-.03889	.15041	.18757	.19025	.09121	.10758	-.15598	.06603	.53825	.44958
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
1.451	8.074	-.12694	.39580	.20599	.18935	.11208	.11813	-.13537	.08889	.54431	.43488
1.450	11.939	-.05444	.29857	.21360	.19535	.09622	.11697	-.13441	.08508	.54625	.44945
1.450	16.053	-.11582	.20647	.20183	.19504	.08996	.11860	-.13300	.07334	.56683	.46523
1.450	18.065	-.11545	.15421	.19409	.18979	.08051	.10608	-.15853	.06429	.57459	.47089
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (FVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.199	-3.797	.10715	.36828	-.10290	-.08328	-.17553	-.16379	.23023	-.18364	-.06730	-.05199
.200	-1.827	.10769	.32240	-.08250	-.06731	-.15629	-.14894	.23696	-.16942	-.01450	-.00507
.199	.128	.10926	.26674	-.06977	-.05743	-.14160	-.13497	.23687	-.15912	.03327	.03037
.200	2.188	.11057	.22561	-.05180	-.04318	-.12515	-.12146	.22378	-.14682	.06756	.06466
.200	4.178	.11165	.16835	-.05432	-.04711	-.12714	-.12777	.20929	-.15008	.08267	.07253
.201	6.184	.11272	.13875	-.03093	-.02594	-.10155	-.10574	.21704	-.13517	.11672	.10026
.200	8.191	.11330	.08444	-.04449	-.03873	-.11439	-.12006	.22255	-.15051	.11188	.09164
.200	10.196	.11508	.05416	-.03637	-.03277	-.10679	-.11389	.24503	-.14426	.11527	.10443
.201	12.206	.11617	.01421	-.04008	-.03579	-.11150	-.11640	.25529	-.14803	.10563	.09914
.201	14.201	.11743	-.02408	-.05123	-.04623	-.11471	-.12317	.26656	-.15333	.09000	.08711
.201	16.191	.11849	-.06423	-.06574	-.06073	-.12723	-.13784	.26569	-.16666	.06297	.06508
	GRADIENT	.00060	-.02487	.00640	.00483	.00640	.00498	-.00247	.00389	.01911	.01595

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.249	-3.792	.10600	.38697	-.08794	-.06829	-.15780	-.14821	.23777	-.16883	-.05010	-.03403
.250	-1.773	.10662	.33653	-.06861	-.05271	-.13870	-.13281	.24108	-.15542	.00293	.01089
.250	.184	.10813	.28112	-.05637	-.04553	-.12434	-.12135	.23980	-.14614	.04920	.04557
.250	2.014	.04949	.23393	-.04080	-.03214	-.10934	-.10997	.23092	-.13613	.08185	.07389
.250	4.008	.05110	.18937	-.03001	-.02353	-.09694	-.10044	.22089	-.12942	.10745	.09589
.249	6.214	.11235	.14600	-.02387	-.01879	-.09069	-.09568	.21482	-.12564	.12429	.10898
.249	8.120	.11321	.10529	-.02265	-.01901	-.08883	-.09674	.23305	-.12746	.13080	.11256
.249	10.135	.11312	.06791	-.02087	-.01796	-.08929	-.09866	.24814	-.12942	.13053	.11809
.248	12.159	.11290	.02573	-.02476	-.02476	-.09426	-.10294	.26314	-.13386	.12301	.11125
.248	14.153	.11259	-.01186	-.04191	-.03605	-.10121	-.11062	.26889	-.14157	.10451	.09714
.247	16.205	.11093	-.05239	-.05245	-.04803	-.11070	-.12166	.27016	-.15210	.07953	.07802
	GRADIENT	-.00853	-.02567	.00741	.00568	.00779	.00611	-.00225	.00506	.02034	.01667

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (FVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.398	-3.955	.08474	.38878	-.08769	-.06841	-.16151	-.15302	.24330	-.17362	-.04114	-.02618
.398	-1.919	.08234	.33913	-.07346	-.05638	-.14650	-.14021	.24530	-.16406	.00613	.01523
.399	.045	.08365	.28468	-.05659	-.04500	-.12901	-.12529	.24329	-.15012	.05276	.05166
.400	2.049	.08145	.24023	-.04176	-.03347	-.11537	-.11635	.23433	-.14108	.08308	.07799
.401	4.068	.08041	.19380	-.02897	-.02250	-.10267	-.10438	.22601	-.13332	.11160	.10112
.401	6.054	.08020	.14538	-.02502	-.01962	-.09768	-.10226	.21786	-.13194	.12605	.10980
.401	10.066	.08022	.06909	-.01905	-.01869	-.09216	-.10103	.25337	-.13131	.13363	.12066
.401	14.041	.08049	-.00884	-.03576	-.03289	-.10030	-.11095	.27724	-.14126	.11267	.10329
.400	18.068	.08197	-.08643	-.07030	-.06345	-.1258.	-.13903	.27070	-.16738	.05081	.05476
	GRADIENT	-.00048	-.02442	.00745	.00573	.00743	.00605	-.00228	.00517	.01911	.01586

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (FVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.601	-1.984	-.03546	.36264	-.07050	-.05363	-.15556	-.14925	.23862	-.17737	.02196	.03315
.602	2.113	-.03681	.25454	-.03785	-.02893	-.12016	-.12041	.23898	-.15027	.09831	.09483
.603	6.096	-.03828	.15966	-.01799	-.01353	-.09889	-.10309	.22085	-.13635	.13988	.12438
.603	10.092	-.03644	.08223	-.01485	-.01349	-.09285	-.10181	.26132	-.13511	.15276	.13118
.602	14.084	-.03439	-.00009	-.03081	-.02995	-.10182	-.11150	.28594	-.14548	.12561	.11302
.600	18.076	-.02931	-.07710	-.06461	-.05841	-.12386	-.13495	.28173	-.16703	.07283	.07503
	GRADIENT	-.00033	-.02638	.00797	.00603	.00864	.00704	.00009	.00661	.01863	.01505

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (FVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.701	-1.948	-.00591	.38043	-.06298	-.04647	-.15629	-.15025	.23989	-.18517	.03748	.05274
.703	2.092	-.00562	.27434	-.03014	-.02068	-.11740	-.11813	.23464	-.15312	.11384	.10994
.702	6.062	-.00736	.17494	-.00975	-.00385	-.09378	-.09795	.21481	-.13432	.15476	.13918
.701	10.088	-.00223	.09693	-.00349	-.00335	-.08389	-.09466	.25594	-.12919	.16763	.14582
.699	14.026	.00045	.01630	-.01982	-.01872	-.09193	-.10135	.27209	-.13558	.14644	.13051
.696	18.000	.00102	-.05968	-.05170	-.04671	-.11219	-.12403	.26789	-.15447	.09537	.09407
	GRADIENT	.00007	-.02626	.00813	.00636	.00963	.00795	-.00130	.00793	.01890	.01416

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (FVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.800	8.002	.04638	.15896	.01437	.01866	-.06713	-.07298	.22417	-.10848	.18863	.17066
.800	12.022	.04638	.08805	.01717	.01798	-.06373	-.07132	.24367	-.09869	.18881	.16726
.800	16.027	.04795	.00791	-.00878	-.00623	-.07272	-.08423	.25233	-.10569	.15397	.14495
.799	18.019	.05142	-.02928	-.02688	-.02201	-.08438	-.09578	.25622	-.11530	.13239	.12733
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (FVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP17	CP21	CP22	CP23	CP24	CP25	CP26	CP43	CP44
.599	-4.003	-.03027	.40479	-.09405	-.07114	-.16634	-.16591	-.20418	-.19263	-.01034	-.03988
.599	-1.912	-.03319	.35520	-.07367	-.05346	-.14451	-.14734	-.18462	-.17641	.03582	.01182
.599	.098	-.03622	.30716	-.05852	-.04218	-.12603	-.13088	-.16953	-.16151	.07271	.04554
.599	2.071	-.03665	.25836	-.04288	-.02896	-.11163	-.11950	-.15694	-.15090	.10111	.07347
.600	4.096	-.04260	.21094	-.03086	-.01874	-.10073	-.10847	-.14704	-.14222	.12249	.09715
.599	6.060	-.04286	.16563	-.02321	-.01339	-.09344	-.10288	-.14125	-.13763	.13580	.11618
.600	8.066	-.04220	.12088	-.02109	-.01063	-.08869	-.09954	-.13764	-.13481	.14218	.12630
.600	10.055	-.04178	.07795	-.02028	-.01137	-.08807	-.10050	-.13687	-.13470	.14342	.12474
.599	12.082	-.04122	.03384	-.02390	-.01486	-.09182	-.10585	-.14189	-.13883	.13756	.12284
.598	14.035	-.03831	-.00817	-.03577	-.02764	-.09800	-.11060	-.14749	-.14814	.12401	.11196
.599	16.091	-.03812	-.05058	-.04814	-.04254	-.10812	-.12023	-.15675	-.15630	.10478	.09558
	GRADIENT	-.00139	-.02401	.00779	.00641	.00814	.00708	.00704	.00626	.01642	.01666

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (GVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.202	-3.800	.12342	.59733	.55499	.44782	.29377	.15551	.59058	.64866	.56363	.82246
.200	-1.769	.11931	.60438	.61127	.52931	.37678	.22905	.57930	.64078	.57684	.81796
.200	.186	.11558	.76776	.77462	.63218	.44675	.29779	.72023	.80391	.66353	.85335
.200	2.183	.11190	.86389	.78235	.63490	.48284	.36287	.80032	.91830	.67996	.83188
.201	4.203	.10783	.82159	.76536	.66843	.56915	.45676	.80798	.83960	.72443	.77854
.200	6.211	.10813	.82992	.87085	.84353	.72533	.57361	.81168	.81858	.74793	.75028
.200	8.188	.10780	.97071	1.00251	.91413	.76223	.61767	.89592	.91639	.72821	.74639
.200	10.192	.11433	.99028	1.00400	.93128	.80621	.67266	.93345	.95170	.70859	.73135
.200	12.199	.10878	.98641	1.01607	.95914	.85204	.71829	.91585	.93868	.67019	.70207
.200	14.190	.11150	.97908	1.02691	.99499	.91060	.79052	.90398	.92453	.63790	.66523
.200	16.206	.11339	.95040	1.01661	1.00292	.94098	.83652	.85457	.87974	.57178	.61286
.199	18.545	.11660	.90460	.99831	1.01875	.97734	.89328	.79950	.83383	.49802	.55513
	GRADIENT	-.00193	.03539	.02959	.02738	.03292	.03690	.03280	.03294	.02126	-.00373

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (GVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.250	-3.994	.04844	.59936	.54336	.44844	.30174	.17464	.58851	.64247	.59480	.83625
.251	-1.991	.04767	.60328	.60548	.54113	.39957	.25613	.59893	.63971	.60303	.83446
.251	-.002	.04780	.75283	.76795	.65190	.46708	.31907	.71840	.77860	.67095	.84276
.252	2.006	.04717	.86600	.78504	.64422	.49479	.37556	.80194	.91505	.68445	.84441
.252	4.003	.04770	.82497	.76753	.67795	.57976	.47345	.81637	.84202	.73091	.78424
.252	6.015	.04789	.84358	.87772	.85422	.73906	.58186	.82220	.81378	.75174	.75395
.252	8.011	.04951	.97681	1.00452	.92585	.77698	.62442	.90028	.91736	.72384	.74939
.249	10.215	.10299	1.00358	1.01892	.94702	.82492	.68383	.95344	.96660	.72697	.75314
.248	12.197	.09944	.98883	1.02393	.97351	.87042	.73733	.93622	.95601	.68665	.71734
.248	14.193	.09332	.98384	1.02326	.99694	.90711	.78736	.90293	.92487	.63850	.67568
.248	16.215	.12333	.95172	1.01315	1.01085	.94923	.84013	.86185	.88822	.58140	.62306
.248	18.193	.09355	.92012	.99889	1.02064	.97662	.88524	.81950	.85018	.52436	.57029
.248	18.546	.09286	.91554	.99871	1.03140	.98518	.89596	.81490	.84340	.51530	.56342
	GRADIENT	-.00010	.03571	.03139	.02811	.03257	.03587	.03294	.03373	.01768	-.00471

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.398	-3.921	.09254	.61435	.56974	.47381	.32119	.18077	.60884	.65575	.58252	.84831
.399	-1.992	.08904	.62211	.63154	.55780	.40800	.26314	.59633	.66538	.59030	.85454
.400	.004	.08506	.77707	.79112	.65954	.47322	.32561	.73278	.82478	.68718	.86407
.401	1.955	.08228	.87069	.79774	.65159	.49841	.37920	.81148	.93445	.69072	.86114
.402	4.038	.07868	.83240	.77228	.68538	.59374	.48862	.82421	.84745	.74758	.79857
.402	6.021	.07456	.85253	.90458	.88142	.76354	.60009	.82943	.83067	.76462	.77507
.402	8.027	.07702	1.00160	1.03168	.94628	.79966	.63978	.92198	.94052	.75349	.77316
.402	10.060	.07771	1.02942	1.04220	.96726	.83807	.69797	.97061	.98453	.74478	.76557
.403	12.046	.07004	1.02442	1.04521	.99225	.88855	.75219	.95538	.97042	.70471	.72890
.403	14.047	.06997	1.00531	1.04555	1.01678	.92820	.80476	.92381	.94455	.65765	.69096
.404	16.044	.06871	.97778	1.03846	1.03149	.96376	.85445	.88855	.91150	.60614	.64504
.404	18.457	.06756	.93487	1.01956	1.04117	1.00084	.90867	.83190	.86286	.53000	.58262
	GRADIENT	-.00173	.03436	.02862	.02595	.03200	.03687	.03249	.03267	.02170	-.00476

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (GVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.600	-3.926	-.04180	.64072	.58411	.49598	.34976	.21676	.62904	.67554	.65682	.88963
.600	-1.919	-.04183	.65595	.67245	.60257	.45526	.30623	.62303	.70181	.61599	.89044
.600	.047	-.02173	.80785	.82093	.69912	.51912	.36752	.75648	.85708	.71728	.89440
.600	2.062	-.04339	.89621	.82380	.68829	.54039	.41955	.83183	.96392	.71398	.91028
.600	4.067	-.02457	.85511	.79564	.71480	.63246	.52869	.84886	.86948	.78017	.83225
.601	6.039	-.03523	.87646	.94395	.93637	.81698	.64576	.85391	.84719	.80464	.80201
.602	8.092	-.03356	1.05695	1.08430	1.00044	.84903	.68735	.97583	.99772	.80811	.82317
.599	10.057	-.03304	1.07998	1.08764	1.01416	.88225	.73727	1.02160	1.03405	.79170	.81235
.600	12.033	-.02579	1.07495	1.09427	1.03928	.92513	.79245	1.00762	1.02213	.75295	.77908
.599	14.076	-.01852	1.05525	1.09114	1.06007	.96552	.84281	.97949	.99610	.70966	.73999
.598	16.041	-.04037	1.03579	1.08977	1.08067	1.00646	.89364	.94592	.96881	.66195	.69929
.599	18.555	-.03640	.99371	1.07130	1.09175	1.04685	.94856	.89282	.91829	.58551	.63286
	GRADIENT	.00164	.03347	.02871	.02618	.03258	.03693	.03245	.03250	.01724	-.00477

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.698	-4.032	.02723	.66353	.60337	.51632	.37264	.24443	.65069	.69638	.68879	.91873
.700	-1.862	-.01281	.67532	.69417	.63110	.48860	.34039	.64133	.72196	.62841	.91004
.702	.106	-.01359	.80754	.82748	.71488	.54202	.39543	.76052	.85868	.72961	.90953
.702	2.124	.00724	.90082	.83278	.70487	.56662	.44927	.83923	.97860	.74073	.94574
.702	4.128	-.01371	.86384	.81223	.73762	.66047	.56337	.85894	.88067	.80158	.85815
.702	6.108	.00084	.87882	.95377	.96272	.85742	.68756	.85820	.85528	.82837	.83207
.701	8.109	-.00470	1.07391	1.11345	1.03670	.88435	.72058	.98590	1.01015	.83118	.84635
.701	10.053	-.00545	1.11487	1.12343	1.04799	.91512	.76846	1.05631	1.06727	.82768	.84765
.700	12.059	.00385	1.11034	1.12802	1.07341	.95927	.82284	1.04363	1.05827	.78851	.81341
.698	14.072	-.00970	1.09517	1.13041	1.09699	1.00222	.87490	1.01817	1.03645	.74795	.77829
.697	16.054	-.00664	1.07167	1.12414	1.11245	1.03786	.92266	.98575	1.00655	.70010	.73607
.700	18.597	-.00415	1.03329	1.10908	1.12591	1.07834	.98073	.93573	.96065	.62986	.67411
	GRADIENT	-.00311	.03077	.02750	.02556	.03227	.03679	.03014	.03077	.01647	-.00419

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (GVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.797	-4.033	.03576	.69176	.62923	.54351	.41107	.28659	.67631	.71976	.72549	.95005
.800	-1.961	.03773	.69611	.71037	.65520	.52467	.38087	.66877	.74138	.65219	.94126
.801	.024	.03749	.79643	.83197	.74570	.58134	.43594	.75544	.84497	.73666	.93412
.802	1.998	.03620	.91373	.85757	.73514	.59951	.48506	.85028	1.00329	.76976	.99751
.799	4.038	.05047	.88105	.83280	.75690	.67922	.58997	.86887	.90961	.81972	.89998
.799	5.997	.05202	.87055	.94206	.97931	.90102	.73660	.85673	.85517	.84986	.86039
.799	8.010	.04222	1.10152	1.15444	1.08392	.93017	.76226	1.00791	1.02727	.86300	.87904
.799	10.015	.04615	1.15597	1.16595	1.09084	.95862	.80960	1.09565	1.10781	.86989	.89187
.798	11.997	.05414	1.15441	1.16989	1.11273	.99833	.86109	1.08848	1.10176	.83322	.85853
.799	14.004	.03374	1.14071	1.17209	1.13577	1.03617	.91156	1.06600	1.08257	.79814	.82564
.799	15.993	.04293	1.11986	1.16820	1.15437	1.07732	.96108	1.03592	1.05630	.75191	.78759
.800	17.991	.04556	1.09112	1.15808	1.16562	1.10884	1.00633	.99790	1.02211	.69917	.74141
	GRADIENT	.00139	.02957	.02758	.02526	.03046	.03540	.02811	.03181	.01514	-.00223

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 1 (GVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.599	-3.401	-.21175	.64574	.57215	.47297	.34896	.22932	.60919	.62440	.78719	.78590
.598	-1.403	-.16908	.66744	.69503	.62616	.47742	.32557	.63435	.69496	.64653	.83296
.599	.646	-.12516	.85416	.82746	.68721	.51872	.38151	.80461	.91188	.74392	.90197
.599	2.654	-.08287	.89007	.81469	.68836	.55713	.44689	.84058	.94702	.72853	.88910
.599	4.671	-.04033	.83156	.79855	.75572	.69000	.57927	.82596	.84398	.77814	.82440
.600	6.702	.00224	.95091	1.02094	.98039	.83412	.65761	.89735	.90293	.79703	.81973
	GRADIENT	.02124	.02947	.02836	.03106	.03769	.04064	.03171	.03427	.00321	.00661

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (GVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.402	8.090	.07801	1.00252	1.02687	.94597	.79913	.64249	.92278	.94481	.75636	.77375
.402	10.029	.07122	1.03366	1.04184	.97028	.84209	.70069	.97478	.98756	.74525	.77067
.398	12.103	.07898	1.02587	1.04478	.99767	.88928	.75568	.95644	.97299	.70243	.73421
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.205	-1.736	.10781	.91084	.76308	.55679	.35061	.15895	.88846	.91722	.69348	.74388
.203	.234	.10590	.96485	.82479	.63973	.44640	.24897	.93575	.94615	.72230	.76109
.201	2.291	.10653	.98704	.88287	.71784	.53367	.33464	.95097	.96585	.73987	.77514
.199	4.149	.10717	.99379	.91360	.76905	.59401	.40816	.95694	.96777	.74345	.78417
.198	6.163	.10813	1.00993	.96036	.83543	.67344	.49189	.96651	.97734	.74637	.76710
.199	8.167	.10866	1.00479	.98377	.88127	.73754	.56132	.95506	.96148	.73177	.75019
.199	10.177	.10863	.99671	1.01275	.93174	.81157	.64353	.95556	.95982	.71631	.73912
.200	12.191	.10791	.96994	1.00528	.95750	.84930	.69804	.91622	.92260	.67935	.70407
.200	14.188	.10786	.93874	.99959	.97790	.88977	.75459	.87894	.88528	.63948	.66398
.200	16.186	.10768	.91042	1.00140	1.00333	.93875	.81849	.83980	.85045	.59374	.62464
	GRADIENT	-.00007	.01380	.02591	.03632	.04152	.04229	.01123	.00873	.00853	.00386

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.249	-1.876	.11068	.93046	.77537	.56625	.36356	.16541	.89804	.91968	.71680	.74488
.252	.057	.05129	.95485	.83401	.64723	.45191	.25690	.93353	.94424	.73390	.75519
.250	1.995	.05179	.99858	.89568	.73036	.53707	.35273	.97273	.97498	.76866	.78161
.250	4.120	.11117	1.00590	.93703	.78390	.60912	.42400	.98208	.98003	.76849	.78149
.249	6.124	.11102	1.01546	.97231	.84242	.67782	.50072	.98507	.98302	.75423	.77512
.250	8.170	.11119	1.01273	.99348	.89443	.75009	.57618	.97176	.97401	.75216	.76514
.250	10.164	.11133	.99911	1.00568	.92376	.79433	.63318	.94949	.95605	.72322	.74052
.250	12.193	.11155	.98296	1.01747	.96362	.84941	.70358	.92697	.93352	.69461	.71832
.250	14.177	.11119	.95873	1.02774	.99964	.90893	.77366	.90266	.90922	.66350	.68939
.251	15.988	.05039	.91840	1.00820	1.00596	.93946	.81812	.84784	.85861	.60850	.64058
	GRADIENT	.00039	.01348	.02736	.03684	.04118	.04365	.01453	.01056	.00945	.00679

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.396	-3.998	.07576	.91405	.73008	.50271	.29203	.09443	.88713	.91662	.69894	.75430
.397	-1.853	.07473	.96311	.80440	.59761	.39213	.19026	.93273	.95624	.73781	.78366
.398	.077	.07433	1.00000	.86687	.67529	.47797	.27841	.96159	.98261	.76064	.80276
.398	2.150	.07357	1.02155	.91809	.75047	.56426	.36645	.98676	1.00187	.77934	.80849
.399	4.000	.07232	1.03394	.95976	.80969	.63400	.44088	.99447	1.00724	.78469	.81152
.399	6.023	.07741	1.04189	.99484	.86865	.70760	.52103	1.00258	1.01180	.78424	.80631
.399	8.015	.07766	1.04697	1.02205	.91901	.77288	.59421	.99591	1.00398	.77608	.79466
.399	10.050	.07656	1.03005	1.03550	.95693	.83055	.66226	.97894	.98819	.74961	.77285
.400	12.038	.08017	1.01417	1.04059	.98907	.87940	.72445	.95390	.96661	.72067	.74846
.400	14.016	.08562	.98788	1.04461	1.01406	.92300	.78199	.91824	.93330	.68266	.71506
.399	16.046	.08373	.94999	1.03372	1.03350	.96442	.83826	.87081	.89059	.63123	.67415
	GRADIENT	-.00040	.01497	.02870	.03839	.04284	.04347	.01350	.01140	.01071	.00701

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.597	-3.912	-.03110	.97736	.79429	.57119	.35212	.14739	.95001	.97685	.75654	.80656
.598	-1.986	-.03398	1.01548	.85875	.65257	.44132	.23690	.98673	1.00945	.78594	.82924
.599	.064	-.03601	1.04796	.91890	.73234	.53014	.32731	1.01820	1.03640	.81090	.84515
.599	2.044	-.03658	1.07349	.97134	.80298	.61137	.41061	1.04165	1.05687	.82832	.85812
.600	4.048	-.03948	1.08825	1.01157	.86591	.68500	.49103	1.05250	1.06466	.83393	.85860
.600	6.067	-.04003	1.09265	1.04520	.92042	.75596	.56901	1.05448	1.06411	.83145	.85155
.600	8.052	-.03974	1.09081	1.06786	.96795	.81876	.64058	1.04908	1.05721	.82068	.83981
.599	10.064	-.03939	1.08496	1.08759	1.00998	.87635	.70864	1.03704	1.04470	.80232	.82353
.599	12.054	-.03830	1.07087	1.09564	1.04319	.92816	.77104	1.01339	1.02306	.77465	.79888
.599	14.089	-.03841	1.04070	1.09156	1.06582	.97054	.82774	.97628	.98894	.73539	.76460
.598	16.036	-.03823	1.00958	1.08689	1.08526	1.01178	.88405	.93632	.95105	.69144	.72631
	GRADIENT	-.00097	.01402	.02742	.03708	.04189	.04315	.01302	.01117	.00988	.00666

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.699	-1.948	-.00568	1.05425	.89971	.69605	.48197	.27236	1.02636	1.04637	.82587	.85995
.700	.086	-.00576	1.08435	.95657	.77146	.56724	.36093	1.05610	1.07028	.84973	.87465
.701	2.068	-.00435	1.10682	1.00628	.84034	.64708	.44479	1.07701	1.08744	.86431	.88420
.701	4.043	-.00724	1.12215	1.04679	.90111	.71944	.52261	1.08863	1.09658	.87064	.88681
.702	6.053	-.00528	1.12716	1.07880	.95583	.78795	.59845	1.09048	1.09676	.86672	.88118
.702	8.087	-.00535	1.12770	1.10480	1.00319	.85170	.67084	1.08525	1.09195	.85736	.87265
.701	10.054	-.00446	1.11982	1.12159	1.04281	.90786	.73692	1.06864	1.07864	.83655	.85599
.700	12.048	-.00496	1.10405	1.12807	1.07398	.95711	.79891	1.04751	1.05792	.81001	.83275
.699	14.091	-.00420	1.07935	1.12863	1.10001	1.00386	.85847	1.01399	1.02690	.77296	.79988
.698	16.021	.00308	1.04703	1.12043	1.11699	1.04048	.91051	.97199	.98949	.72878	.76362
	GRADIENT	-.00016	.01134	.02461	.03429	.03971	.04183	.01042	.00842	.00747	.00453

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.0800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.800	-1.928	.05483	1.10356	.95493	.75488	.54317	.33366	1.07439	1.09408	.87127	.91173
.800	.088	.05206	1.13263	1.00929	.82715	.62499	.41775	1.10205	1.11688	.89141	.92569
.800	1.962	.05047	1.15204	1.05244	.88744	.69549	.49291	1.12079	1.13144	.90540	.93272
.799	3.918	.04433	1.16619	1.09134	.94660	.76624	.56832	1.13149	1.14005	.91242	.93522
.800	5.929	.04650	1.17259	1.12352	.99875	.83181	.64215	1.13482	1.14129	.91189	.92981
.800	7.964	.04279	1.17234	1.14753	1.04586	.89502	.71346	1.12932	1.13614	.90091	.92057
.800	9.998	.04286	1.16432	1.16347	1.08507	.94986	.77943	1.11470	1.12222	.88251	.90457
.800	11.984	.04583	1.15024	1.17092	1.11542	.99821	.83918	1.09468	1.10325	.85792	.88204
.800	13.984	.05037	1.12815	1.17317	1.14232	1.04452	.89794	1.06422	1.07662	.82533	.85532
.800	16.014	.05429	1.09642	1.16648	1.15962	1.08298	.95163	1.02445	1.03859	.78238	.81719
	GRADIENT	-.00170	.01069	.02332	.03275	.03812	.04015	.00980	.00787	.00709	.00400

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.850	-1.986	.06616	1.12816	.98206	.78368	.57345	.36432	1.09707	1.11835	.89601	.93843
.850	-.060	.11948	1.15461	1.03133	.84993	.64923	.44252	1.12453	1.13996	.91579	.95043
.850	1.941	.03653	1.17547	1.07685	.91297	.72235	.51989	1.14345	1.15466	.93051	.95837
.850	3.959	.04526	1.18834	1.11508	.97141	.79326	.59585	1.15312	1.16270	.93582	.95882
.850	5.921	.04847	1.19361	1.14560	1.02228	.85701	.66502	1.15676	1.16441	.93454	.95559
.850	7.977	.10302	1.19551	1.17083	1.06956	.91858	.73802	1.15284	1.15887	.92423	.94591
.850	9.994	.10677	1.18872	1.18607	1.10713	.97331	.80310	1.13894	1.14691	.90777	.93039
.850	12.000	.05483	1.17444	1.19445	1.13846	1.02202	.86270	1.11975	1.12870	.88423	.90975
.850	13.998	.09916	1.15244	1.19575	1.16343	1.06486	.91924	1.08968	1.10122	.85305	.88143
.850	16.000	.04033	1.12306	1.18971	1.18200	1.10378	.97265	1.05279	1.06693	.81284	.84701
.850	18.007	.04174	1.08292	1.17506	1.19262	1.13745	1.02263	1.00461	1.02230	.76303	.80292
	GRADIENT	-.00743	.01014	.02240	.03156	.03692	.03892	.00941	.00743	.00675	.00347

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.902	-3.966	.12589	1.12113	.95356	.74514	.53064	.32463	1.09422	1.11812	.90249	.94743
.903	-2.086	.11509	1.15517	1.00999	.81556	.60812	.40291	1.12677	1.14735	.92887	.96655
.902	-.097	.10329	1.18161	1.05950	.88208	.68379	.48057	1.15349	1.16866	.94760	.97990
.898	1.907	.12601	1.20035	1.10216	.94111	.75361	.55335	1.16907	1.18190	.95975	.98526
.900	3.946	.12018	1.21316	1.14058	.99866	.82281	.62855	1.17985	1.19023	.96566	.98718
.900	5.975	.08075	1.21972	1.17071	1.05000	.88543	.70040	1.18221	1.19138	.96398	.98276
.899	7.994	.10163	1.21831	1.19368	1.09361	.94537	.76702	1.17712	1.18419	.95432	.97193
.896	10.011	.09172	1.20931	1.20732	1.12930	.99683	.82842	1.16221	1.17052	.93492	.95410
.901	12.003	.04963	1.19933	1.21785	1.16224	1.04610	.88913	1.14673	1.15560	.91608	.93758
.898	14.024	.07039	1.17727	1.21852	1.18634	1.08922	.94482	1.11727	1.12888	.88325	.91025
.895	15.974	.06310	1.14667	1.21147	1.20284	1.12444	.99498	1.07885	1.09324	.84361	.87436
.896	18.011	.05068	1.10991	1.19945	1.21508	1.15954	1.04607	1.03432	1.05141	.79768	.83291
	GRADIENT	.00000	.01154	.02350	.03190	.03681	.03825	.01074	.00899	.00790	.00493

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.949	-1.976	.07630	1.18443	1.04397	.85252	.64969	.44699	1.15627	1.17402	.96072	.99666
.950	-.019	.02780	1.20941	1.09205	.91748	.72312	.52227	1.18032	1.19464	.97936	1.00963
.950	1.978	.08004	1.22823	1.13281	.97537	.79099	.59408	1.19720	1.20860	.99122	1.01567
.951	3.955	.03080	1.24115	1.17014	1.03035	.85721	.66576	1.20805	1.21716	.99796	1.01842
.950	6.019	.07584	1.24707	1.20057	1.08142	.92077	.73603	1.21074	1.21813	.99577	1.01307
.949	7.955	.07353	1.24697	1.22221	1.12377	.97639	.79977	1.20696	1.21289	.98631	1.00385
.949	9.976	.07278	1.24111	1.23801	1.16005	1.02795	.86142	1.19474	1.20211	.97148	.99016
.950	12.045	.06039	1.22538	1.24450	1.19026	1.07410	.91864	1.17297	1.18092	.94528	.96824
.950	13.979	.05329	1.20706	1.24641	1.21408	1.11576	.97204	1.14682	1.15796	.91731	.94457
.949	16.000	.02293	1.17888	1.24311	1.23359	1.15569	1.02686	1.11191	1.12451	.88048	.91004
.949	17.985	.04456	1.14194	1.22849	1.24356	1.18642	1.07312	1.06652	1.08289	.83354	.86970
	GRADIENT	-.00423	.00955	.02118	.02988	.03489	.03679	.00870	.00724	.00624	.00360

OA232 AEDC 16T TF43. LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. YMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.978	-1.925	-.00323	1.20267	1.06488	.87686	.67664	.47629	1.17471	1.19255	.98235	1.01683
.981	-.047	.02611	1.22681	1.10985	.93728	.74496	.54633	1.19747	1.21221	.99950	1.02867
.980	1.955	.02747	1.24555	1.15160	.99556	.81246	.61745	1.21509	1.22646	1.01116	1.03503
.981	3.974	.02677	1.25744	1.18696	1.04918	.87711	.68758	1.22481	1.23364	1.01655	1.03646
.979	6.033	.02427	1.26386	1.21735	1.09941	.94008	.75735	1.22862	1.23522	1.01560	1.03218
.980	8.012	.01845	1.26455	1.24026	1.14238	.99726	.82149	1.22402	1.23061	1.00651	1.02363
.979	9.979	-.01260	1.25707	1.25410	1.17579	1.04486	.87992	1.21145	1.21862	.99017	1.00867
.980	12.042	.00313	1.24542	1.26322	1.20765	1.09358	.93904	1.19251	1.20249	.96765	.99032
.979	13.949	-.02737	1.22610	1.26441	1.23126	1.13422	.99134	1.16724	1.17778	.93968	.96487
.975	16.022	-.04187	1.19404	1.25646	1.24716	1.16917	1.04092	1.12757	1.14071	.89858	.92775
.980	18.030	-.01021	1.16105	1.24636	1.26006	1.20375	1.09180	1.08653	1.10346	.85610	.89193
	GRADIENT	.00458	.00927	.02069	.02918	.03394	.03578	.00850	.00696	.00578	.00329

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.051	-1.965	-.02874	1.24735	1.11585	.93413	.74044	.54485	1.22086	1.23816	1.03367	1.06762
1.048	.092	-.04657	1.27242	1.16103	.99509	.80679	.61629	1.24498	1.25759	1.05161	1.07768
1.050	1.953	-.00823	1.28909	1.19946	1.04908	.87253	.68224	1.26021	1.27132	1.06140	1.08509
1.049	3.969	-.02458	1.30047	1.23236	1.09866	.93221	.74699	1.26918	1.27704	1.06532	1.08490
1.051	6.022	-.02959	1.30637	1.26181	1.14766	.99346	.81492	1.27190	1.27827	1.06384	1.08130
1.050	8.021	-.04148	1.30485	1.28216	1.18747	1.04678	.87553	1.26444	1.27229	1.05389	1.07105
1.050	9.992	-.03040	1.30058	1.29743	1.22170	1.09407	.93265	1.25634	1.26330	1.03997	1.05918
1.049	12.003	-.05588	1.28854	1.30494	1.24954	1.13801	.98614	1.23801	1.24588	1.01929	1.03938
1.049	14.001	-.05704	1.26992	1.30675	1.27358	1.17865	1.03866	1.21347	1.22252	.99218	1.01519
1.049	16.023	-.05926	1.24274	1.30209	1.29143	1.21453	1.08840	1.17914	1.19086	.95632	.98373
1.047	18.007	-.05240	1.20802	1.28939	1.30098	1.24386	1.13180	1.13749	1.15279	.91295	.94657
	GRADIENT	.00248	.00896	.01973	.02785	.03259	.03419	.00815	.00663	.00533	.00301

ORIGINAL PAGE IS OF POOR QUALITY

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.102	-4.231	.02364	1.24638	1.09331	.89996	.70340	.51177	1.22117	1.24187	1.04363	1.08392
1.097	-3.821	-.03837	1.25268	1.10385	.91430	.71927	.52693	1.22710	1.24730	1.04833	1.08708
1.100	-1.932	.05600	1.28011	1.15100	.97358	.78334	.59243	1.25289	1.27137	1.06617	1.10376
1.101	.131	.05050	1.30246	1.19504	1.03276	.85060	.66130	1.27494	1.28920	1.08218	1.11248
1.099	2.006	-.02897	1.31872	1.23092	1.08380	.91007	.72413	1.28872	1.30041	1.09253	1.11774
1.098	4.060	-.02636	1.33100	1.26528	1.13412	.97062	.78923	1.29893	1.30811	1.09764	1.11925
1.098	6.010	-.01931	1.33598	1.29201	1.17915	1.02630	.85104	1.30135	1.30940	1.09543	1.11479
1.099	8.012	-.03436	1.33439	1.31143	1.21751	1.07835	.91038	1.29535	1.30310	1.08413	1.10483
1.098	9.988	-.03625	1.32954	1.32575	1.25053	1.12600	.96609	1.28503	1.29365	1.07076	1.09233
1.098	12.021	-.02056	1.31881	1.33508	1.27969	1.16964	1.01973	1.26924	1.27870	1.05062	1.07498
1.098	14.008	.00772	1.30119	1.33688	1.30331	1.20926	1.07091	1.24325	1.25665	1.02227	1.05387
1.097	15.982	-.03715	1.27602	1.33269	1.31996	1.24266	1.11673	1.21257	1.22685	.99173	1.02335
1.098	18.027	-.04283	1.24413	1.32335	1.33267	1.27659	1.16428	1.17420	1.19130	.95155	.98932
	GRADIENT	-.00362	.01042	.02094	.02838	.03230	.03352	.00963	.00819	.00676	.00443

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-4.230	.03930	1.28007	1.12897	.93571	.73873	.54496	1.25474	1.27592	1.07334	1.11388
1.150	-2.009	.05902	1.31232	1.18381	1.00483	.81411	.62054	1.28426	1.30210	1.09469	1.13080
1.150	.011	.05415	1.33498	1.22686	1.06319	.87836	.68625	1.30524	1.32032	1.10964	1.13999
1.151	2.027	.05535	1.35074	1.26375	1.11571	.94016	.75098	1.32047	1.33222	1.11782	1.14484
1.151	4.114	.05286	1.36248	1.29818	1.16641	1.00022	.81598	1.32944	1.33842	1.12340	1.14380
1.149	5.708	.03843	1.36615	1.32340	1.21061	1.05504	.87615	1.33030	1.33847	1.12017	1.13976
1.149	8.003	.03478	1.36493	1.34132	1.24575	1.10272	.93140	1.32467	1.33256	1.10996	1.13035
1.150	10.080	.05528	1.36050	1.35666	1.28136	1.15254	.98993	1.31539	1.32382	1.09643	1.11817
1.149	12.084	.04742	1.34856	1.36401	1.30799	1.19391	1.04128	1.29717	1.30756	1.07593	1.10128
1.151	14.054	.05874	1.33306	1.36791	1.33129	1.23273	1.09091	1.27584	1.28817	1.05269	1.08189
1.150	16.024	.03071	1.30848	1.36343	1.34820	1.26784	1.13908	1.24558	1.25899	1.02079	1.05347
1.151	18.060	.05331	1.27756	1.35417	1.35942	1.29945	1.18547	1.20736	1.22440	.98317	1.02055
	GRADIENT	.00116	.00983	.02021	.02763	.03133	.03246	.00898	.00751	.00597	.00358

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.200	-4.090	.04524	1.31279	1.16305	.97032	.76962	.57382	1.28830	1.30548	1.10455	1.13307
1.197	-1.857	.05683	1.34117	1.21280	1.03428	.84396	.64368	1.31419	1.33006	1.12082	1.14939
1.201	.004	.04500	1.36420	1.25455	1.08947	.90205	.70638	1.33566	1.34798	1.13575	1.15858
1.198	2.104	.05922	1.37826	1.29089	1.14092	.96152	.76901	1.34723	1.35713	1.14205	1.16222
1.203	4.006	.04687	1.38950	1.32153	1.18760	1.01699	.82848	1.35638	1.36436	1.14602	1.16289
1.202	6.042	.04720	1.39434	1.35015	1.23458	1.07554	.89244	1.35797	1.36623	1.14460	1.15986
1.201	8.046	.04632	1.39243	1.36825	1.27135	1.12639	.95092	1.35282	1.35946	1.13437	1.15044
1.199	10.042	.06992	1.38770	1.38163	1.30383	1.17142	1.00443	1.34319	1.35009	1.12126	1.13896
1.203	12.036	.06196	1.37793	1.39131	1.33365	1.21687	1.06050	1.32783	1.33635	1.10311	1.12428
1.201	14.011	.05374	1.36136	1.39369	1.35514	1.25442	1.10921	1.30417	1.31648	1.07753	1.10522
1.200	16.020	.04726	1.33832	1.39126	1.37378	1.28890	1.15708	1.27754	1.28905	1.04876	1.07945
1.200	18.002	.04626	1.31323	1.38590	1.38872	1.32091	1.20349	1.24355	1.25992	1.01485	1.05094
	GRADIENT	.00033	.00948	.01962	.02687	.03040	.03149	.00842	.00721	.00518	.00362

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.299	-1.931	.01934	1.39981	1.26754	1.08334	.88429	.68254	1.36702	1.39144	1.15844	1.20834
1.299	-.060	.01592	1.41378	1.30325	1.13357	.94209	.74157	1.38043	1.40050	1.16613	1.21082
1.299	1.936	.01753	1.42604	1.33698	1.18279	.99893	.80051	1.39116	1.40839	1.17369	1.21243
1.300	4.028	.01133	1.43651	1.36814	1.22924	1.05377	.86118	1.39792	1.41455	1.17472	1.21340
1.299	5.939	.01910	1.44268	1.39499	1.27315	1.10878	.91866	1.40217	1.41703	1.17372	1.21058
1.300	7.974	.01730	1.44126	1.41459	1.31046	1.15994	.97845	1.39692	1.41122	1.16633	1.20180
1.299	9.940	.01724	1.43779	1.42991	1.34427	1.20674	1.03273	1.38938	1.40166	1.15587	1.19047
1.300	12.007	.01774	1.43106	1.44399	1.37903	1.25480	1.08957	1.37671	1.39099	1.14030	1.17768
1.300	13.936	.01556	1.41014	1.44212	1.39936	1.29356	1.14099	1.34970	1.36687	1.11212	1.15495
1.299	15.981	.00760	1.38648	1.43841	1.41844	1.32815	1.18990	1.31934	1.33913	1.08335	1.12993
1.301	17.985	.00472	1.35810	1.43112	1.43139	1.36158	1.23686	1.28485	1.30869	1.04797	1.09943
	GRADIENT	-.00113	.00614	.01686	.02448	.02842	.02992	.00518	.00388	.00282	.00084

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.400	-3.954	-.11036	1.41322	1.26142	1.06012	.84924	.64429	1.38616	1.40264	1.18212	1.20931
1.400	-1.985	-.10562	1.44011	1.30660	1.11716	.91048	.70200	1.41087	1.42614	1.19925	1.22437
1.399	-.031	-.08954	1.46357	1.34913	1.17309	.97172	.76397	1.43367	1.44211	1.21243	1.23335
1.400	1.958	-.08402	1.48118	1.38733	1.22483	1.03163	.82493	1.44993	1.45406	1.22229	1.24032
1.399	3.976	-.07027	1.49394	1.42353	1.27958	1.09575	.89100	1.45924	1.46337	1.22610	1.24013
1.400	5.945	-.05978	1.50693	1.45199	1.31803	1.14449	.94773	1.46852	1.47265	1.22820	1.24110
1.401	8.006	-.04759	1.50244	1.47353	1.36529	1.20372	1.01264	1.45800	1.46357	1.21164	1.23253
1.399	9.955	-.02642	1.49407	1.48404	1.39207	1.24674	1.06359	1.44331	1.45489	1.19628	1.22345
1.401	11.966	-.01489	1.48353	1.49298	1.42245	1.28962	1.11581	1.42872	1.43831	1.18013	1.20758
1.401	14.006	-.00833	1.46837	1.49731	1.44683	1.32947	1.16942	1.40726	1.41971	1.15699	1.18899
1.400	15.969	.00264	1.44688	1.49638	1.47086	1.37251	1.22236	1.38152	1.38938	1.13213	1.16349
1.399	18.004	.01303	1.42069	1.49069	1.48522	1.40530	1.26994	1.34941	1.36127	1.10126	1.13796
	GRADIENT	.00514	.01022	.02044	.02760	.03102	.03113	.00934	.00754	.00560	.00391

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.548	-3.916	-.13817	1.46663	1.30810	1.09893	.88107	.67082	1.43701	1.45364	1.21748	1.24516
1.549	-1.929	-.13804	1.48584	1.34818	1.15160	.94061	.73063	1.45527	1.46905	1.23090	1.25320
1.550	.009	-.13527	1.50820	1.38794	1.20211	.99329	.78109	1.47571	1.48602	1.24181	1.26348
1.551	2.017	-.13365	1.52295	1.42519	1.25486	1.05360	.84140	1.48634	1.49855	1.24702	1.26775
1.552	4.012	-.13305	1.53167	1.45423	1.30172	1.11037	.90147	1.49319	1.50380	1.25050	1.26963
1.551	6.030	-.13215	1.53989	1.48590	1.34922	1.16735	.96197	1.49855	1.50664	1.24986	1.26677
1.550	8.072	-.12939	1.53896	1.50491	1.38911	1.22176	1.02364	1.49412	1.50062	1.24284	1.25913
1.549	10.056	-.12289	1.53313	1.51936	1.42414	1.27038	1.08144	1.48481	1.49226	1.23255	1.25232
1.548	12.088	-.12164	1.53086	1.53642	1.46050	1.31933	1.13796	1.47618	1.48363	1.22129	1.24170
1.547	14.077	-.12430	1.52225	1.55032	1.49466	1.36707	1.19262	1.46216	1.47088	1.20559	1.23013
1.548	16.089	-.12482	1.49534	1.54335	1.51245	1.40522	1.24614	1.42707	1.44085	1.17168	1.19939
	GRADIENT	.00074	.00844	.01864	.02569	.02887	.02889	.00724	.00655	.00414	.00320

OA232 AEDC 16T TF431 LFN.15 RA .2P/S LOW RN (GVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.899	-3.948	.09855	1.11941	.95358	.74358	.52979	.32257	1.09515	1.11694	.90355	.94760
.901	-2.075	.06819	1.15402	1.00973	.81337	.60892	.40057	1.12675	1.14662	.93084	.96796
.902	-.043	.06692	1.17968	1.05974	.88108	.68508	.47972	1.15062	1.16737	.94839	.97988
.899	1.912	.09827	1.20023	1.10446	.94162	.75577	.55438	1.16979	1.18229	.96038	.98708
.901	4.013	.07074	1.21417	1.14203	1.00110	.82667	.63124	1.17945	1.19008	.96610	.98966
.901	5.955	.07160	1.21920	1.17239	1.05059	.88910	.70108	1.18325	1.19203	.96555	.98542
.900	7.975	.07211	1.21851	1.19453	1.09424	.94803	.76914	1.17881	1.18698	.95596	.97584
.899	9.994	.10249	1.21183	1.21072	1.13132	1.00157	.83231	1.16712	1.17529	.93957	.96072
.898	12.001	.10169	1.19785	1.21723	1.16123	1.04606	.88822	1.14621	1.15564	.91504	.93996
.896	13.988	.10029	1.17637	1.21879	1.18632	1.08896	.94391	1.11842	1.12911	.88497	.91180
.896	16.034	.10189	1.14606	1.21259	1.20377	1.12707	.99662	1.07892	1.09331	.84349	.87770
	GRADIENT	-.00127	.01180	.02365	.03229	.03718	.03872	.01059	.00910	.00773	.00516

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.198	-3.971	.04792	1.31166	1.16365	.97093	.77281	.57630	1.28930	1.30690	1.10484	1.13511
1.201	-1.989	.04010	1.34257	1.21519	1.03441	.84233	.64450	1.31692	1.33248	1.12371	1.15252
1.199	.078	.04963	1.36234	1.25531	1.08913	.90528	.70936	1.33514	1.34908	1.13638	1.16196
1.202	2.000	.04339	1.38074	1.29356	1.14153	.96393	.77010	1.35042	1.36221	1.14526	1.16814
1.199	4.043	.05307	1.38718	1.32150	1.18810	1.01842	.82985	1.35518	1.36436	1.14619	1.16649
1.201	6.037	.04176	1.39562	1.35120	1.23489	1.07752	.89390	1.36046	1.36803	1.14633	1.16395
1.201	7.984	.04268	1.39390	1.37018	1.27186	1.12769	.95147	1.35449	1.36154	1.13712	1.15422
1.199	10.068	.05987	1.38984	1.38469	1.30509	1.17547	1.00807	1.34520	1.35223	1.12399	1.14159
1.203	12.004	.04966	1.37876	1.39268	1.33428	1.21793	1.06013	1.32937	1.33693	1.10559	1.12636
1.203	13.983	.04857	1.36111	1.39515	1.35581	1.25640	1.11029	1.30644	1.31770	1.08005	1.10663
1.195	16.063	.05945	1.33708	1.39133	1.37314	1.29105	1.15848	1.27701	1.28829	1.04970	1.08004
	GRADIENT	.00069	.00945	.01969	.02705	.03062	.03161	.00826	.00723	.00521	.00392

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (GVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.548	-3.832	-.13333	1.47199	1.31581	1.10625	.88818	.67716	1.44381	1.46020	1.22566	1.25381
1.551	-1.943	-.13471	1.49553	1.35799	1.16164	.94939	.73686	1.46537	1.47783	1.23830	1.26154
1.549	.059	-.13346	1.51815	1.39915	1.21238	1.00574	.79197	1.48401	1.49796	1.24876	1.27351
1.550	2.067	-.13393	1.53042	1.43391	1.26361	1.06452	.85043	1.49277	1.50477	1.25369	1.27601
1.550	4.112	-.13446	1.53960	1.46496	1.31272	1.12533	.91270	1.50351	1.51057	1.25754	1.27588
1.550	6.042	-.13399	1.54685	1.49291	1.35603	1.17614	.97008	1.50488	1.51488	1.25565	1.27447
1.549	8.081	-.13283	1.54695	1.51657	1.39965	1.23176	1.03178	1.50195	1.50803	1.25034	1.26820
1.547	10.091	-.12934	1.54160	1.52944	1.43360	1.27982	1.08903	1.49064	1.49968	1.23680	1.25764
1.548	12.081	-.12857	1.53563	1.54122	1.46423	1.32541	1.14326	1.48081	1.48836	1.22829	1.24664
1.545	14.063	-.12931	1.52926	1.55598	1.49976	1.37442	1.19948	1.46862	1.47862	1.21111	1.23631
1.552	16.095	-.12875	1.50017	1.54898	1.51736	1.41176	1.25121	1.43466	1.44563	1.17833	1.20498
	GRADIENT	-.00007	.00853	.01879	.02586	.02962	.02938	.00736	.00640	.00396	.00293

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.201	-1.814	1.95195	.92132	.76851	.55520	.35267	.16088	.86834	.93643	.64129	.79981
.203	.154	2.06877	.94885	.82018	.63641	.44233	.25252	.89701	.96157	.66011	.81323
.203	2.179	2.05506	.97071	.87341	.71265	.52909	.33939	.91681	.97925	.67584	.82681
.202	4.153	2.01703	1.00660	.92956	.77999	.60530	.42022	.93908	.99847	.69232	.83625
.203	6.085	1.98106	1.00110	.96422	.83647	.67900	.49907	.94290	.99714	.68246	.82340
.201	7.845	1.77524	1.00268	.98843	.88536	.73742	.56820	.93873	.99004	.68040	.81412
.201	9.843	1.70506	.98443	.99369	.91685	.79119	.62951	.91878	.96550	.66009	.78013
.201	11.747	1.82228	.97534	1.01024	.96092	.85409	.69834	.90095	.94781	.63515	.75763
.202	13.750	1.81071	.94316	1.00089	.97112	.88236	.74947	.85905	.90327	.59627	.71101
.201	15.741	1.83597	.90928	.99341	.99747	.92037	.80924	.81762	.86671	.55571	.66550
.200	17.724	1.86563	.86141	.97847	1.00197	.96091	.85326	.76258	.81205	.49235	.61149
	GRADIENT	.00907	.01394	.02692	.03767	.04239	.04340	.01173	.01022	.00847	.00517

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.250	-1.985	2.03946	.93105	.77683	.57102	.36947	.17886	.88381	.93962	.65647	.79793
.250	.185	2.00044	.95655	.83173	.64643	.45031	.26096	.91123	.96516	.67845	.82061
.250	2.161	2.05204	.98320	.88846	.71811	.53261	.34747	.93353	.98966	.70273	.83207
.250	4.125	2.04723	.99847	.92753	.78103	.60645	.42153	.94885	.99847	.70322	.83674
.250	6.096	1.95942	1.00861	.96360	.83675	.67543	.49739	.94836	.99787	.69468	.83004
.251	7.930	1.99093	1.00362	.98662	.88605	.73832	.56546	.94153	.99293	.68055	.82166
.253	10.021	2.07510	.99109	1.00382	.92587	.79726	.64187	.92366	.97636	.66257	.80357
.250	11.940	1.89671	.97979	1.01634	.96264	.84874	.69902	.90466	.95192	.64079	.77374
.251	13.902	1.92066	.95571	1.01558	.98772	.89353	.75942	.87024	.91942	.60754	.73350
.250	15.709	1.82131	.91887	1.00935	1.00924	.94008	.81781	.83055	.87583	.56142	.68840
	GRADIENT	.00081	.01129	.02507	.03456	.03905	.04010	.01073	.00993	.00814	.00634

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.401	-1.955	2.15572	.95592	.80131	.59368	.38735	.19268	.89945	.97351	.67230	.83653
.401	.036	2.07651	.98891	.86200	.67269	.47540	.27821	.93007	.99840	.69797	.85315
.401	2.050	2.08129	1.01529	.91412	.74484	.55716	.36381	.95541	1.02014	.71329	.86589
.401	4.012	2.07505	1.03212	.96002	.81064	.63248	.44521	.97002	1.03118	.72245	.86906
.402	6.031	2.08018	1.03955	.99404	.87002	.70679	.52405	.97279	1.03167	.71700	.86715
.402	7.898	1.95829	1.03670	1.01557	.91159	.76393	.58991	.96442	1.02540	.70955	.85224
.403	9.941	2.01127	1.02907	1.03329	.95616	.82751	.66230	.95251	1.00978	.68962	.83280
.403	11.847	1.83347	1.01058	1.04008	.98813	.87655	.72377	.93276	.98322	.67300	.79798
.402	13.841	1.88477	.98513	1.03995	1.01212	.92228	.78087	.90033	.95084	.63809	.75968
.402	15.870	1.88985	.94569	1.02957	1.03051	.95995	.83647	.85592	.90664	.59275	.71475
	GRADIENT	-.01192	.01281	.02653	.03631	.04103	.04234	.01191	.00978	.00833	.00555

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.700	-1.942	1.99'92	1.04798	.89560	.69302	.47965	.27280	.99622	1.06203	.76501	.90967
.700	.041	1.99897	1.07905	.95202	.76782	.56373	.35880	1.02900	1.08772	.78812	.92727
.700	2.017	1.97667	1.10148	1.00040	.83551	.64079	.43992	1.04726	1.10395	.80296	.93681
.701	3.980	1.98801	1.11563	1.04021	.89400	.71176	.51682	1.05814	1.11397	.80780	.94157
.701	6.002	2.03808	1.12325	1.07223	.94677	.77788	.59058	1.05922	1.11747	.80088	.94234
.701	7.987	2.00879	1.12208	1.09627	.99326	.84070	.66078	1.05406	1.11262	.78919	.93451
.701	9.983	2.09878	1.11350	1.11362	1.03606	.89984	.73173	1.04089	1.09785	.76799	.91466
.701	11.940	1.94343	1.09933	1.12294	1.06924	.95188	.79401	1.01802	1.07419	.74909	.88555
.700	13.869	1.94561	1.07590	1.12350	1.09406	.99590	.85100	.99075	1.04494	.72139	.85064
.698	15.856	1.97539	1.04284	1.11623	1.11156	1.03215	.90508	.95000	1.00475	.67990	.80826
.697	17.909	1.98493	.99845	1.09734	1.12087	1.06741	.95457	.89568	.95446	.62304	.75710
	GRADIENT	-.00171	.01142	.02443	.03397	.03918	.04119	.01034	.00872	.00726	.00533

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.800	-3.993	2.19080	1.06156	.88948	.67331	.45416	.24483	1.00975	1.08022	.78231	.94293
.800	-1.945	2.05774	1.09940	.95170	.75327	.54176	.33351	1.04691	1.11111	.81351	.96235
.800	-.103	2.07723	1.12534	1.00129	.81846	.61560	.41009	1.07076	1.13219	.83137	.97679
.800	2.034	2.05185	1.14747	1.04964	.88679	.69560	.49518	1.09157	1.14841	.84614	.98449
.800	3.997	2.07416	1.16090	1.08750	.94360	.76342	.56882	1.10299	1.15837	.85059	.98807
.799	5.983	2.14500	1.16813	1.11865	.99581	.82831	.64154	1.10428	1.15971	.84473	.98822
.800	7.938	2.04475	1.16604	1.14091	1.03867	.88733	.70739	1.09844	1.15312	.83472	.97698
.800	10.015	2.10130	1.15924	1.15908	1.08106	.94627	.77800	1.08465	1.14110	.81695	.96172
.800	11.935	1.89652	1.14567	1.16738	1.11192	.99340	.83551	1.06932	1.11919	.80366	.93110
.800	13.922	1.91091	1.12292	1.16821	1.13741	1.03908	.89481	1.04070	1.08986	.77314	.89805
.800	15.918	1.91535	1.09316	1.16282	1.15597	1.07904	.94848	1.00283	1.05484	.73429	.86104
.800	17.964	1.95964	1.05256	1.14681	1.16566	1.11067	.99756	.95428	1.00904	.68288	.81642
	GRADIENT	-.01203	.01235	.02474	.03376	.03869	.04056	.01157	.00969	.00847	.00562

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.850	-1.921	2.02585	1.12452	.98074	.78438	.57520	.36808	1.07303	1.13546	.84102	.98702
.850	.083	2.0403:	1.15233	1.03231	.85369	.65358	.44973	1.09971	1.15807	.86001	1.00170
.849	1.911	2.02590	1.17133	1.07304	.91077	.71981	.51994	1.11663	1.17191	.87268	1.00831
.850	3.916	2.09145	1.18440	1.11097	.96888	.78979	.59569	1.12696	1.17981	.87694	1.01055
.850	6.055	2.08356	1.19052	1.14246	1.02129	.85619	.66923	1.12836	1.18203	.87168	1.00962
.850	7.947	2.05999	1.18981	1.16450	1.06392	.91269	.73382	1.12258	1.17810	.86086	1.00340
.850	10.052	2.07240	1.18330	1.18291	1.10615	.97184	.80370	1.10915	1.16444	.84444	.98460
.850	11.914	1.82452	1.17023	1.19021	1.13529	1.01779	.85976	1.09399	1.14365	.82961	.95713
.850	13.904	1.94492	1.14842	1.19214	1.16008	1.06132	.91575	1.06737	1.11591	.80055	.92651
.850	15.960	1.96682	1.11717	1.18542	1.17868	1.10048	.97070	1.02846	1.07920	.76181	.88849
.850	17.893	1.89778	1.08144	1.17244	1.18931	1.13296	1.01837	.98423	1.03904	.71544	.84786
.850	18.929	1.89398	1.05942	1.16219	1.19139	1.14563	1.04026	.95882	1.01436	.68999	.82420
	GRADIENT	.00953	.01027	.02231	.03157	.03671	.03894	.00924	.00760	.00622	.00399

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.901	-3.993	2.11363	1.11527	.95013	.74144	.52757	.32189	1.06760	1.13363	.84732	.99455
.901	-1.992	2.05915	1.15005	1.00792	.81554	.60892	.40454	1.10081	1.16210	.87273	1.01411
.902	-.031	2.09186	1.17699	1.05755	.88156	.68318	.48198	1.12477	1.18482	.89141	1.02879
.901	1.956	2.05706	1.19688	1.10075	.94213	.75421	.55630	1.14262	1.19899	.90444	1.03593
.899	3.998	2.12144	1.20976	1.13736	.99822	.82207	.63020	1.15252	1.20704	.90747	1.03838
.900	5.974	2.14127	1.21433	1.16584	1.04582	.88246	.69830	1.15441	1.20829	.90229	1.03612
.900	7.870	1.98775	1.21441	1.18829	1.08767	.93828	.76092	1.15001	1.20415	.89384	1.02879
.899	9.976	2.05688	1.20726	1.20467	1.12785	.99497	.82809	1.13618	1.19156	.87503	1.01308
.900	11.929	1.85725	1.19534	1.21417	1.15857	1.04157	.88494	1.12167	1.17183	.86307	.98612
.899	13.877	1.85070	1.17436	1.21498	1.18191	1.08395	.93935	1.09416	1.14414	.83312	.95556
.900	15.937	1.86382	1.14620	1.21088	1.20291	1.12472	.99550	1.05982	1.11091	.79749	.92030
.900	17.933	1.89382	1.10803	1.19541	1.21068	1.15325	1.04052	1.01343	1.06848	.74965	.87951
	GRADIENT	.00071	.01182	.02344	.03211	.03684	.03855	.01061	.00921	.00762	.00549

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.949	-4.034	1.98262	1.14712	.98496	.78043	.57027	.36746	1.10040	1.16123	.88554	1.02310
.950	-1.959	2.04477	1.17973	1.04076	.85245	.64870	.44768	1.13043	1.19039	.90607	1.04535
.949	-.034	2.08820	1.20485	1.08890	.91515	.72016	.52156	1.15406	1.21118	.92309	1.05848
.949	1.998	2.08670	1.22887	1.13151	.97546	.79037	.59562	1.17119	1.22510	.93480	1.06582
.950	3.973	2.06688	1.23660	1.16591	1.02704	.85426	.66434	1.18128	1.23283	.93877	1.06764
.951	6.040	2.07599	1.24345	1.19618	1.07759	.91673	.73442	1.18412	1.23506	.93511	1.06593
.950	7.898	2.00234	1.24326	1.21790	1.11907	.97068	.79504	1.17922	1.23140	.92668	1.05941
.950	9.938	2.09564	1.23475	1.23223	1.15552	1.02271	.85782	1.16479	1.21830	.90731	1.04292
.951	11.944	1.88598	1.22301	1.24157	1.18555	1.07048	.91606	1.15180	1.19816	.89545	1.01592
.950	13.959	1.92110	1.20369	1.24397	1.21158	1.11450	.97253	1.12422	1.17328	.86627	.98896
.950	15.980	1.94944	1.17558	1.23865	1.22971	1.15181	1.02415	1.08983	1.13942	.83135	.95299
.949	17.944	1.91873	1.14061	1.22630	1.24050	1.18278	1.07033	1.04753	1.10036	.78800	.91462
	GRADIENT	.01056	.01143	.02267	.03086	.03554	.03714	.01015	.00892	.00677	.00549

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.981	-4.081	1.97967	1.16441	1.00414	.80190	.59448	.39392	1.11829	1.17923	.90568	1.04360
.980	-1.928	2.05338	1.19819	1.06152	.87461	.67495	.47572	1.15031	1.20856	.92633	1.06537
.978	-.014	2.04817	1.22186	1.10652	.93487	.74227	.54505	1.17133	1.22719	.94335	1.07575
.979	2.026	2.03891	1.24127	1.14925	.99511	.81222	.61882	1.18862	1.24211	.95496	1.08371
.979	3.994	2.05837	1.25451	1.18361	1.04697	.87428	.68692	1.19937	1.25058	.95940	1.08639
.979	5.991	2.12303	1.25939	1.21147	1.09269	.93279	.75118	1.20028	1.25208	.95396	1.08440
.979	7.940	2.00059	1.25983	1.23408	1.13600	.98889	.81501	1.19730	1.24858	.94658	1.07740
.980	9.961	1.99623	1.25326	1.25029	1.17369	1.04254	.87766	1.18550	1.23530	.93270	1.05992
.980	11.932	1.91032	1.24172	1.25951	1.20226	1.08819	.93451	1.16973	1.21758	.91635	1.03684
.979	13.945	1.92452	1.22065	1.26068	1.22722	1.13091	.98957	1.14316	1.19083	.88791	1.00691
.981	15.898	1.94593	1.19411	1.25567	1.24557	1.16740	1.03894	1.11029	1.15957	.85498	.97458
.979	17.969	1.95422	1.15943	1.24423	1.25748	1.19963	1.08799	1.06749	1.12000	.80986	.93648
	GRADIENT	.00721	.01113	.02224	.03039	.03468	.03628	.00999	.00879	.00678	.00519

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.051	-4.011	1.97852	1.21243	1.05900	.86424	.66432	.47016	1.16760	1.22600	.96041	1.09442
1.050	-1.942	1.96724	1.24321	1.11194	.93161	.73783	.54451	1.19601	1.25235	.98193	1.11157
1.049	-.019	1.98685	1.26599	1.15517	.99084	.80449	.61388	1.21733	1.27188	.99677	1.12315
1.050	2.009	2.02050	1.28414	1.19555	1.04663	.87010	.68311	1.23403	1.28442	1.00613	1.13012
1.048	4.018	2.01674	1.29749	1.23038	1.09778	.93102	.74758	1.24523	1.29363	1.01251	1.13435
1.048	6.058	2.06260	1.30201	1.25650	1.14160	.98658	.80957	1.24499	1.29460	1.00624	1.13079
1.049	7.995	1.99003	1.30256	1.27748	1.18243	1.03867	.86907	1.24080	1.28982	.99881	1.12305
1.050	10.014	2.15290	1.29623	1.29337	1.21886	1.09157	.93080	1.22924	1.28054	.98142	1.11137
1.049	11.998	1.95422	1.28439	1.30078	1.24598	1.13386	.98376	1.21372	1.26038	.96666	1.08379
1.049	13.933	1.98267	1.26559	1.30240	1.26835	1.17374	1.03466	1.19079	1.23714	.94209	1.05796
1.051	15.966	2.00396	1.24092	1.29954	1.28683	1.21012	1.08489	1.15944	1.20720	.90976	1.02805
1.050	17.958	2.01044	1.20782	1.28754	1.29852	1.23974	1.12881	1.11908	1.17018	.86875	.99103
	GRADIENT	.00646	.01055	.02131	.02909	.03327	.03466	.00966	.00836	.00642	.00492

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.101	-3.861	1.88250	1.24857	1.10010	.91128	.71558	.52511	1.20446	1.26096	1.00280	1.12844
1.101	-1.934	2.03492	1.27669	1.14843	.97254	.78273	.59309	1.23039	1.28653	1.01773	1.14743
1.098	.011	1.99787	1.29857	1.19055	1.02880	.84661	.65923	1.25072	1.30393	1.03147	1.15792
1.097	1.967	2.02256	1.31558	1.22751	1.08136	.90710	.72230	1.26485	1.31643	1.04048	1.16485
1.098	4.069	1.99743	1.32590	1.26168	1.13154	.96825	.78852	1.27440	1.32280	1.04468	1.16466
1.102	6.028	2.08426	1.33305	1.28867	1.17508	1.02220	.84868	1.27628	1.32629	1.03933	1.16445
1.101	7.940	1.91656	1.33270	1.30865	1.21290	1.07310	.90594	1.27317	1.32033	1.03335	1.15442
1.099	10.041	2.06116	1.32510	1.32216	1.24900	1.12261	.96428	1.26087	1.30817	1.01726	1.13838
1.101	11.953	1.94800	1.31535	1.33159	1.27714	1.16701	1.01905	1.24725	1.29280	1.00260	1.11817
1.100	13.871	1.91693	1.29606	1.33312	1.29987	1.20480	1.06660	1.22326	1.26875	.97810	1.09124
1.101	15.911	1.91806	1.27306	1.33073	1.31831	1.24006	1.11584	1.19369	1.23979	.94891	1.06072
1.101	17.912	1.94513	1.24204	1.32019	1.32807	1.27075	1.16047	1.15684	1.20458	.91101	1.02629
	GRADIENT	.01084	.00977	.02033	.02778	.03185	.03319	.00880	.00774	.00537	.00452

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-3.928	2.01002	1.28170	1.13480	.94408	.74714	.55453	1.23645	1.29388	1.02750	1.15983
1.151	-1.962	2.04859	1.30802	1.18091	1.00471	.81319	.62185	1.26116	1.31688	1.04460	1.17463
1.151	.008	2.05114	1.33243	1.22491	1.06159	.87740	.68648	1.28249	1.33632	1.05885	1.18594
1.148	2.044	2.04377	1.34677	1.26051	1.11368	.93710	.75075	1.29569	1.34734	1.06659	1.19103
1.149	4.047	2.03303	1.35830	1.29261	1.16141	.99550	.81237	1.30450	1.35389	1.06952	1.19108
1.150	6.039	2.08258	1.36265	1.31853	1.20550	1.04970	.87336	1.30521	1.35519	1.06369	1.18921
1.149	7.933	1.93581	1.36191	1.33772	1.24094	1.09803	.92764	1.30138	1.34946	1.05743	1.17945
1.149	9.940	2.07975	1.35519	1.35151	1.27527	1.14681	.98506	1.28829	1.33913	1.04029	1.16668
1.149	11.887	1.86793	1.34605	1.36122	1.30436	1.18942	1.03815	1.27857	1.32222	1.03241	1.14305
1.148	13.900	1.90021	1.32873	1.36384	1.32863	1.23068	1.08950	1.25520	1.30022	1.00762	1.11952
1.150	15.857	1.87983	1.30588	1.36089	1.34619	1.26463	1.13682	1.22711	1.27183	.97998	1.09013
1.150	17.910	1.92817	1.27511	1.35122	1.35757	1.29590	1.18239	1.18962	1.23770	.94207	1.05808
1.148	18.951	1.95715	1.25722	1.34354	1.36153	1.30930	1.20360	1.16788	1.21816	.92102	1.03972
	GRADIENT	.00204	.00961	.01979	.02723	.03109	.03229	.00854	.00753	.00530	.00394

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.200	-4.012	2.07164	1.31204	1.16308	.97111	.77117	.57558	1.26780	1.32260	1.05643	1.17935
1.202	-1.980	2.04860	1.34068	1.21175	1.03276	.83822	.64293	1.29427	1.34717	1.07342	1.19526
1.201	-.016	2.05734	1.36063	1.25223	1.08807	.90047	.70677	1.31285	1.36361	1.08489	1.20460
1.201	2.000	2.05280	1.37579	1.28742	1.13814	.95784	.76660	1.32530	1.37308	1.09220	1.20947
1.200	3.978	2.08634	1.38538	1.31809	1.18363	1.01351	.82654	1.33270	1.37996	1.09379	1.20977
1.201	6.018	2.09593	1.39375	1.34650	1.23070	1.06893	.88736	1.33591	1.38481	1.09101	1.21026
1.200	7.937	2.07834	1.39263	1.36464	1.26574	1.11737	.94223	1.32972	1.38073	1.07884	1.20609
1.202	9.993	2.11113	1.38504	1.37842	1.30002	1.16749	1.00226	1.31666	1.36907	1.06153	1.19321
1.198	11.886	1.84725	1.36947	1.38316	1.32422	1.20571	1.05044	1.30051	1.34698	1.04960	1.16590
1.196	13.858	1.87298	1.35569	1.38841	1.35026	1.24835	1.10394	1.29173	1.32719	1.02928	1.14307
1.204	15.934	1.90877	1.33801	1.39081	1.37257	1.28791	1.15536	1.28823	1.30561	1.00361	1.12058
1.202	17.947	1.93565	1.30778	1.38060	1.38450	1.31761	1.19358	1.28039	1.27185	.96779	1.09023
	GRADIENT	.00167	.00911	.01933	.02658	.03028	.03134	.00806	.00705	.00469	.00376

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	-4.010	1.88875	1.36132	1.21273	1.01743	.81451	.61609	1.31171	1.37376	1.08868	1.23017
1.301	-1.957	2.02013	1.39179	1.26292	1.08066	.88180	.68255	1.33758	1.40309	1.10210	1.25083
1.300	-.020	2.02373	1.41294	1.30461	1.13677	.94451	.74551	1.35901	1.41788	1.11767	1.25749
1.299	1.989	2.04828	1.42887	1.34108	1.18767	1.00173	.80502	1.37349	1.42832	1.12629	1.26065
1.300	4.021	2.04597	1.43276	1.36699	1.23066	1.05747	.86599	1.37421	1.42787	1.12385	1.25762
1.299	6.015	2.11577	1.44202	1.39536	1.27611	1.11304	.92649	1.37971	1.43395	1.12126	1.25676
1.300	7.960	2.02609	1.43779	1.41349	1.31447	1.16455	.98544	1.37420	1.42483	1.11791	1.24582
1.300	9.999	2.13198	1.43556	1.43174	1.35101	1.21491	1.04407	1.36806	1.41650	1.10774	1.23246
1.301	11.906	1.89701	1.43007	1.44391	1.38019	1.25758	1.09443	1.36136	1.40231	1.10488	1.20944
1.300	13.940	1.94493	1.40804	1.44266	1.40303	1.30000	1.14984	1.33424	1.37570	1.07910	1.18462
1.299	15.926	1.95538	1.38685	1.44106	1.42140	1.33374	1.19612	1.30905	1.35019	1.05558	1.15666
1.299	17.954	1.94618	1.35789	1.43112	1.43167	1.36281	1.24114	1.27464	1.31923	1.02252	1.12955
	GRADIENT	.01716	.00899	.01932	.02666	.03028	.03110	.00804	.00667	.00472	.00324

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.401	-4.020	1.91267	1.40901	1.25690	1.05538	.84574	.64230	1.36310	1.41647	1.13290	1.25380
1.401	-1.993	1.98557	1.43788	1.30487	1.11607	.90770	.70123	1.38937	1.44077	1.14807	1.27109
1.401	-.015	1.97644	1.46491	1.35189	1.17542	.97253	.76472	1.41077	1.46380	1.15614	1.28183
1.402	1.977	1.98307	1.47901	1.38524	1.22374	1.02957	.82448	1.42235	1.47676	1.16188	1.29234
1.399	4.008	2.02120	1.49301	1.42111	1.27501	1.09016	.88751	1.43222	1.48675	1.16462	1.29994
1.400	6.072	2.05652	1.48976	1.44276	1.31896	1.14694	.95052	1.42694	1.47949	1.15755	1.29319
1.401	8.039	2.11415	1.49044	1.46383	1.35563	1.19670	1.00827	1.42199	1.47647	1.14895	1.28526
1.400	10.071	2.19329	1.48392	1.47618	1.38880	1.24291	1.06321	1.41341	1.46249	1.14016	1.26484
1.402	11.999	1.98182	1.47874	1.48902	1.41922	1.28613	1.11443	1.40547	1.45076	1.13324	1.24714
1.401	14.063	2.03380	1.45932	1.49163	1.44582	1.33069	1.17095	1.38431	1.42733	1.10972	1.22420
1.401	15.966	2.01402	1.44155	1.49297	1.46635	1.36903	1.21914	1.35774	1.40501	1.08400	1.20092
1.399	18.004	2.01274	1.41660	1.48834	1.48315	1.40264	1.26522	1.32842	1.37545	1.05626	1.17294
	GRADIENT	.01074	.01044	.02041	.02731	.03049	.03064	.00855	.00881	.00386	.00567

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.548	-3.908	1.84243	1.46111	1.30450	1.09558	.87699	.66825	1.41304	1.46682	1.16836	1.28997
1.548	-1.851	1.85650	1.48606	1.34797	1.15297	.94042	.73203	1.43434	1.48859	1.17998	1.30216
1.549	.114	1.84742	1.50759	1.38773	1.20455	.99713	.78601	1.45170	1.50664	1.18883	1.31337
1.549	2.104	1.87373	1.52300	1.42515	1.25562	1.05292	.84244	1.46479	1.51760	1.19388	1.31609
1.550	4.150	1.88358	1.52934	1.45374	1.30175	1.10898	.90183	1.47053	1.52046	1.19694	1.31780
1.551	6.220	1.91501	1.53509	1.48112	1.34707	1.16216	.96166	1.47225	1.52338	1.19462	1.31689
1.552	8.091	1.93765	1.53587	1.49933	1.38175	1.21298	1.01536	1.46704	1.52100	1.18342	1.31454
1.551	10.026	2.07894	1.52895	1.51643	1.42080	1.26434	1.07522	1.45458	1.50992	1.16878	1.30302
1.547	11.923	2.01404	1.52060	1.52615	1.45059	1.30982	1.12980	1.44504	1.49557	1.16148	1.28606
1.546	13.900	2.04322	1.50968	1.53518	1.48055	1.35472	1.18494	1.42973	1.47896	1.14505	1.26830
1.552	15.908	2.07452	1.49010	1.53968	1.50404	1.39621	1.23655	1.40317	1.45431	1.11589	1.24519
1.549	17.898	2.10055	1.45523	1.52189	1.51190	1.42563	1.28502	1.36325	1.41533	1.08081	1.21102
	GRADIENT	.00496	.00864	.01871	.02566	.02872	.02878	.00724	.00679	.00354	.00347

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (GVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.202	-1.929	-.31382	.92470	.76445	.55889	.35559	.16294	.90383	.90797	.71201	.72570
.202	-.016	-.27307	.96329	.83230	.64095	.44548	.25224	.93599	.94014	.74139	.75304
.202	2.003	-.23081	.98763	.88268	.71552	.53159	.33509	.95625	.96461	.75205	.77209
.202	3.989	-.18963	1.00075	.92537	.77503	.59945	.41343	.97359	.97560	.75657	.77665
.201	6.053	-.14550	1.00768	.96157	.83357	.67162	.48638	.97180	.97809	.75535	.76704
	GRADIENT	.02098	.01274	.02693	.03654	.04133	.04217	.01159	.01148	.00727	.00867

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (GVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.250	-1.734	-.25284	.93492	.78728	.57739	.37604	.18135	.91770	.92207	.73123	.74201
.250	.144	-.21112	.96481	.83842	.65183	.46304	.26385	.94327	.94551	.74798	.76306
.251	2.144	-.16629	.98546	.88949	.72289	.53701	.34722	.96401	.96838	.75886	.77601
.250	4.009	-.18457	1.00409	.93954	.78860	.61601	.42876	.98028	.98254	.76457	.78404
.250	6.242	-.07452	1.00998	.97146	.84689	.68574	.50575	.97768	.98208	.75430	.77369
	GRADIENT	.01304	.01186	.02641	.03665	.04127	.04293	.01084	.01063	.00577	.00723

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.404	-1.870	-.29974	.96406	.80657	.59892	.39370	.19544	.94031	.95052	.75329	.76922
.404	.085	-.25709	.99571	.86603	.67710	.47915	.28359	.96858	.98106	.77391	.79213
.405	2.152	-.21073	1.01830	.91764	.74652	.56302	.36710	.98787	.99916	.78141	.80526
.399	4.167	-.16669	1.03678	.96143	.81253	.63801	.44723	1.00082	1.01242	.78870	.81435
.398	6.117	-.12287	1.04260	.99295	.86609	.70537	.51900	1.00308	1.01117	.78243	.80812
	GRADIENT	.02208	.01192	.02557	.03519	.04047	.04157	.00994	.01008	.00562	.00735

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.599	-1.963	-.18010	1.01950	.86409	.65504	.44198	.23626	.99553	1.00628	.80179	.81685
.599	.091	-.16052	1.04969	.92162	.73413	.53074	.32590	1.02261	1.03388	.81887	.83913
.599	2.060	-.09642	1.07202	.96865	.80158	.60874	.40878	1.03921	1.05360	.82788	.85440
.599	4.128	-.06717	1.08719	1.01225	.86469	.68459	.49063	1.05019	1.06253	.83239	.85791
.599	6.169	-.01614	1.09112	1.04332	.91897	.75443	.56730	1.05011	1.06292	.82730	.85326
	GRADIENT	.01987	.01113	.02428	.03440	.03981	.04179	.00892	.00931	.00498	.00683

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.800	-1.822	-.26162	1.10690	.95849	.75862	.54743	.33774	1.08222	1.09219	.88551	.90100
.799	.082	-.21963	1.13279	1.00855	.82592	.62398	.41663	1.10398	1.11498	.89774	.92052
.800	2.136	-.17642	1.15239	1.05370	.89010	.69891	.49677	1.11947	1.13149	.90628	.93251
.800	4.197	-.13435	1.16545	1.09280	.94897	.76958	.57371	1.12873	1.14040	.90792	.93762
.800	6.281	-.08868	1.17199	1.12565	1.00388	.83886	.64936	1.13141	1.14274	.90515	.93487
	GRADIENT	.02113	.00968	.02225	.03156	.03684	.03917	.00768	.00798	.00375	.00603

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (GVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.850	-1.940	-.25143	1.12985	.98316	.78530	.57593	.36604	1.10564	1.11522	.91056	.92606
.850	.144	-.26439	1.15723	1.03638	.85653	.65742	.45035	1.12913	1.13806	.92390	.94557
.850	2.202	-.18271	1.17769	1.08200	.92007	.73043	.52960	1.14536	1.15689	.93306	.95866
.850	4.246	-.12456	1.19021	1.11884	.97766	.79969	.60504	1.15496	1.16585	.93459	.96342
.850	6.335	-.08998	1.19530	1.14966	1.02951	.86589	.67822	1.15530	1.16616	.93000	.95876
	GRADIENT	.02239	.00978	.02196	.03108	.03611	.03863	.00797	.00829	.00395	.00608

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.900	-1.931	-.32159	1.15690	1.01383	.81937	.61349	.40590	1.13319	1.14283	.94063	.95597
.900	.161	-.27995	1.18328	1.06492	.88780	.69042	.48647	1.15531	1.16525	.95324	.97378
.900	2.233	-.20158	1.20356	1.10934	.95058	.76453	.56402	1.17103	1.18218	.96049	.98652
.900	4.321	-.18726	1.21486	1.14592	1.00750	.83264	.63935	1.17866	1.19042	.96160	.99008
.900	6.393	-.14404	1.22004	1.17551	1.05721	.89577	.71011	1.18110	1.19164	.95795	.98673
	GRADIENT	.02311	.00932	.02116	.03011	.03513	.03735	.00731	.00767	.00337	.00553

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.950	-1.845	-.29388	1.18744	1.04802	.85899	.65656	.45311	1.16358	1.17269	.97333	.98941
.949	.191	-.24602	1.21219	1.09615	.92325	.72944	.52885	1.18430	1.19514	.98590	1.00576
.949	2.270	-.19431	1.23077	1.13866	.98328	.79975	.60338	1.19940	1.21025	.99250	1.01671
.949	4.361	-.15003	1.24287	1.17511	1.03892	.86710	.67700	1.20720	1.21833	.99329	1.02065
.949	6.385	-.11012	1.24782	1.20427	1.08701	.92917	.74553	1.20866	1.21979	.98935	1.01846
	GRADIENT	.02335	.00892	.02047	.02898	.03391	.03605	.00704	.00734	.00321	.00505

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.981	-1.847	-.27307	1.20471	1.06740	.87990	.67967	.47902	1.18128	1.19012	.99447	1.00820
.979	.196	-.19683	1.22867	1.11284	.94310	.75136	.55304	1.20158	1.21239	1.00502	1.02522
.979	2.283	-.14553	1.24802	1.15723	1.00299	.82114	.62713	1.21702	1.22783	1.01157	1.03654
.979	4.387	-.10630	1.25910	1.19214	1.05692	.88706	.69860	1.22416	1.23665	1.01302	1.04025
.979	6.418	-.06751	1.26406	1.22121	1.10608	.94788	.76601	1.22545	1.23711	1.00881	1.03689
	GRADIENT	.02651	.00877	.02013	.02842	.03328	.03525	.00692	.00745	.00298	.00516

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (GVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.049	-1.880	-.19879	1.24962	1.11716	.93671	.74366	.54752	1.22603	1.23626	1.04333	1.05991
1.048	.124	-.16640	1.27241	1.16226	.99581	.80996	.61748	1.24587	1.25640	1.05436	1.07450
1.051	2.223	-.12384	1.29132	1.20345	1.05590	.87783	.69021	1.26135	1.27213	1.06198	1.08648
1.051	4.323	-.05623	1.30170	1.23657	1.10642	.94043	.75753	1.26790	1.27927	1.06173	1.08859
1.051	6.472	-.01128	1.30589	1.26457	1.15393	1.00146	.82464	1.26786	1.27926	1.05649	1.08429
	GRADIENT	.02274	.00844	.01927	.02748	.03178	.03393	.00680	.00698	.00302	.00472

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.101	-1.920	-.26974	1.28283	1.15497	.97856	.78851	.59638	1.26042	1.26874	1.08090	1.09256
1.098	.082	-.16714	1.30309	1.19524	1.03190	.85035	.66022	1.27724	1.28670	1.08985	1.10664
1.101	2.167	-.16589	1.32149	1.23565	1.08934	.91585	.72988	1.29204	1.30205	1.09610	1.11708
1.100	4.279	-.12353	1.33218	1.26916	1.13999	.97771	.79646	1.29906	1.30992	1.09598	1.12036
1.098	6.344	-.01847	1.33587	1.29535	1.18434	1.03283	.85781	1.29931	1.30961	1.09142	1.11667
	GRADIENT	.02117	.00804	.01851	.02619	.03061	.03239	.00631	.00670	.00248	.00452

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-1.979	-.25665	1.31437	1.18633	1.00832	.81775	.62293	1.29183	1.30027	1.10764	1.12138
1.149	.012	-.21629	1.33513	1.22716	1.06357	.87992	.68759	1.30868	1.31879	1.11617	1.13437
1.151	2.154	-.18449	1.35116	1.26607	1.11850	.94314	.75497	1.32088	1.33236	1.12033	1.14294
1.149	4.267	-.12080	1.36214	1.29857	1.16798	1.00236	.81837	1.32821	1.33943	1.12130	1.14699
1.149	6.306	-.07772	1.36598	1.32434	1.21184	1.05851	.87964	1.32792	1.33969	1.11561	1.14294
	GRADIENT	.02105	.00762	.01798	.02556	.02954	.03130	.00580	.00626	.00215	.00408

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.201	-1.981	-.26826	1.34096	1.21311	1.03351	.84016	.64371	1.31602	1.32679	1.12699	1.14359
1.199	.093	-.23748	1.36265	1.25589	1.09067	.90511	.70389	1.33466	1.34517	1.13673	1.15611
1.198	2.179	-.18602	1.38041	1.29494	1.14437	.96659	.77451	1.34830	1.35937	1.14200	1.16632
1.198	4.250	-.14483	1.39041	1.32560	1.19252	1.02463	.83566	1.35507	1.36667	1.14206	1.16907
1.199	6.371	-.10171	1.39255	1.35151	1.23887	1.08185	.90101	1.35338	1.36580	1.13592	1.16430
	GRADIENT	.02030	.00799	.01812	.02554	.02959	.03082	.00629	.00644	.00243	.00417

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (GVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.299	-1.929	-.24030	1.39495	1.26549	1.08146	.88227	.67922	1.37285	1.37472	1.17942	1.17705
1.299	.039	-.19811	1.41844	1.30910	1.13915	.94511	.74317	1.39261	1.39564	1.18871	1.19184
1.301	2.123	-.15392	1.43123	1.34397	1.18980	1.00694	.80814	1.40197	1.40586	1.19021	1.19883
1.300	4.246	-.10288	1.43986	1.37397	1.23625	1.06293	.86991	1.40627	1.41189	1.18962	1.20111
1.299	6.301	-.05950	1.44332	1.40025	1.28158	1.12037	.93256	1.40714	1.41189	1.18443	1.19852
	GRADIENT	.02216	.00713	.01745	.02496	.02928	.03090	.00529	.00588	.00154	.00382

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.401	-2.028	-.17838	1.44094	1.30925	1.11983	.91515	.70724	1.41281	1.42323	1.20260	1.22261
1.399	.076	-.13426	1.46674	1.35346	1.17815	.97901	.77151	1.43263	1.44906	1.21138	1.23710
1.399	2.205	-.08845	1.48572	1.39477	1.23377	1.04208	.83632	1.44647	1.46375	1.21466	1.24553
1.398	4.281	-.04296	1.50282	1.43373	1.28895	1.10309	.89884	1.46320	1.47536	1.22335	1.25144
1.400	6.338	.00219	1.49902	1.45318	1.32939	1.15825	.96215	1.45455	1.46870	1.21143	1.24464
	GRADIENT	.02147	.00972	.01970	.02674	.02977	.03038	.00784	.00813	.00311	.00451

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.549	-2.124	-.11464	1.49295	1.35806	1.16389	.95251	.74039	1.46276	1.47494	1.23974	1.26363
1.550	-.045	-.05598	1.51002	1.39318	1.21165	1.00533	.79669	1.47668	1.48822	1.24227	1.27028
1.549	2.045	-.01271	1.52475	1.43008	1.26088	1.05963	.84691	1.48763	1.50074	1.24438	1.27491
1.549	4.167	.03577	1.53396	1.46116	1.31005	1.12009	.91038	1.49384	1.50669	1.24524	1.27651
1.550	6.159	.07846	1.53988	1.48910	1.35319	1.17472	.96990	1.49509	1.50823	1.23943	1.27380
	GRADIENT	.02358	.00657	.01651	.02327	.02658	.02673	.00497	.00514	.00089	.00206

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	8.038	.01701	1.44315	1.41654	1.31460	1.16810	.98085	1.39802	1.41230	1.16696	1.20237
1.300	11.908	.04855	1.43210	1.44390	1.37793	1.25314	1.08755	1.37705	1.39252	1.13985	1.17875
1.299	15.903	.05811	1.38720	1.43805	1.41661	1.32589	1.18655	1.31938	1.33949	1.08186	1.13169
1.299	17.967	.06515	1.35940	1.43245	1.43156	1.36231	1.23755	1.28498	1.30912	1.04716	1.10181
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.319	7.955	.00358	1.45545	1.42802	1.32363	1.16870	.98346	1.41039	1.42407	1.17618	1.20868
1.319	11.997	.03900	1.43552	1.44759	1.38321	1.26100	1.09637	1.37973	1.39660	1.14104	1.18216
1.320	16.006	.05064	1.40018	1.45131	1.42827	1.33551	1.19500	1.33306	1.35247	1.09149	1.13730
1.320	18.010	.05863	1.37087	1.44442	1.44296	1.37118	1.24362	1.29655	1.31884	1.05562	1.10799
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.340	7.977	-.00549	1.46349	1.43530	1.32868	1.17255	.98707	1.42002	1.43193	1.18573	1.21497
1.340	12.002	.02713	1.44214	1.45301	1.38754	1.26342	1.09825	1.38867	1.40114	1.15125	1.18472
1.337	16.034	.04138	1.40562	1.45753	1.43481	1.34249	1.19964	1.33746	1.35827	1.09686	1.14605
1.335	18.010	.04997	1.38025	1.45224	1.44905	1.37454	1.24462	1.30607	1.32975	1.06411	1.11584
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.360	7.980	-.02354	1.46987	1.44324	1.33877	1.18327	.99684	1.42430	1.43787	1.18608	1.22094
1.360	11.974	-.00388	1.46018	1.46992	1.40237	1.27209	1.10331	1.40408	1.41943	1.15951	1.19905
1.360	16.056	.02824	1.42044	1.47168	1.44729	1.35088	1.20520	1.35245	1.37121	1.10750	1.15431
1.361	17.986	.03881	1.39332	1.46320	1.46058	1.38361	1.25335	1.31898	1.34062	1.07398	1.12506
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.378	7.985	-.03512	1.48777	1.45944	1.35266	1.19371	1.00526	1.44134	1.45578	1.19736	1.23309
1.380	11.946	-.00962	1.47425	1.48426	1.41589	1.28396	1.11086	1.41758	1.43257	1.16932	1.20869
1.381	16.005	.01314	1.45802	1.48818	1.46231	1.36402	1.21580	1.36961	1.38925	1.12020	1.16711
1.381	17.981	.01935	1.45091	1.48378	1.47803	1.39824	1.25356	1.33733	1.35862	1.08802	1.13843
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.400	7.991	-.04478	1.50057	1.47252	1.36346	1.20337	1.01235	1.45443	1.46600	1.21072	1.23503
1.400	11.952	-.01467	1.48247	1.49162	1.42059	1.28849	1.11402	1.42658	1.43901	1.17798	1.20940
1.401	16.014	.00039	1.44383	1.49470	1.46893	1.37128	1.22190	1.37942	1.38813	1.13121	1.16282
1.399	17.971	.01113	1.42028	1.49024	1.48306	1.40348	1.26650	1.35020	1.36205	1.10051	1.13719
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.450	7.985	-.07387	1.51062	1.48059	1.37125	1.20917	1.01560	1.46621	1.47491	1.22421	1.24511
1.449	11.857	-.06348	1.49824	1.50626	1.43379	1.29882	1.12319	1.44321	1.45450	1.19485	1.22229
1.451	16.025	-.12111	1.45714	1.50611	1.47714	1.37558	1.22333	1.39146	1.40534	1.14504	1.17729
1.451	18.092	-.11734	1.43342	1.50305	1.49555	1.41313	1.27483	1.35938	1.37729	1.11257	1.15168
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.201	-1.766	.11013	.91424	.75560	.54532	.34360	.15282	.89270	.90566	.69731	.73598
.201	2.228	.11051	.98068	.88285	.70819	.52069	.32930	.95503	.95514	.74832	.76755
.201	6.192	.11030	1.01504	.97441	.84134	.67815	.49614	.98063	.97859	.75953	.77890
.201	10.191	.11117	.99360	1.00443	.92924	.79812	.63426	.94416	.94855	.71226	.73593
.200	14.198	.11075	.95862	1.02166	.99769	.90407	.76556	.89342	.90436	.65452	.68713
.201	18.204	.11088	.86993	.98169	1.01360	.97061	.87070	.77875	.79377	.53316	.57802
	GRADIENT	.00010	.01664	.03187	.04079	.04435	.04419	.01561	.01239	.01277	.00791

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.397	-1.964	.08138	.95978	.79940	.59283	.38387	.18578	.93018	.94798	.73410	.76721
.399	2.089	.08177	1.01785	.91629	.74794	.55965	.36356	.98853	.99565	.77799	.79910
.400	6.076	.08096	1.04140	.99721	.87237	.71127	.52736	1.00632	1.00992	.77994	.79867
.399	10.062	.08103	1.03020	1.03616	.95772	.82768	.66199	.98333	.98695	.74929	.77275
.399	14.055	.08145	.98438	1.04298	1.01831	.92560	.78561	.91995	.93058	.67763	.70810
.398	18.049	.08187	.90133	1.01190	1.04116	.99502	.88968	.81664	.83788	.57208	.61443
	GRADIENT	.00010	.01433	.02884	.03827	.04337	.04386	.01440	.01176	.01083	.00787

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.599	-1.951	-.03835	1.01617	.85838	.65264	.43905	.23200	.98906	1.00786	.78836	.82271
.600	2.115	-.03766	1.07181	.97020	.80334	.61005	.40894	1.04123	1.05115	.82931	.84953
.601	6.089	-.03856	1.09149	1.04477	.92014	.75472	.56566	1.05433	1.06267	.83179	.84731
.600	10.078	-.03858	1.08205	1.08424	1.00701	.87321	.70485	1.03277	1.04013	.79914	.81837
.600	14.086	-.03596	1.03960	1.09149	1.06497	.96990	.82636	.97580	.98730	.73483	.76182
.598	18.076	-.03387	.96245	1.06612	1.09306	1.04329	.93237	.87754	.89845	.62916	.67136
	GRADIENT	.00017	.01369	.02750	.03707	.04206	.04352	.01283	.01065	.01007	.00660

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.699	-1.936	-.00705	1.05254	.89898	.69525	.48073	.27190	1.02517	1.04552	.82460	.85937
.702	2.061	-.00744	1.10745	1.00694	.84008	.64684	.44420	1.07612	1.08774	.86476	.88456
.703	6.114	-.00823	1.12782	1.08066	.95721	.79045	.60083	1.09029	1.09781	.86721	.88251
.701	10.066	-.00679	1.12010	1.12063	1.04266	.90767	.73751	1.07179	1.07973	.83716	.85661
.700	14.084	-.00735	1.07899	1.12735	1.09961	1.00199	.85729	1.01334	1.02705	.77277	.80005
.697	18.070	-.00510	1.00142	1.10156	1.12509	1.07245	.96002	.91624	.93958	.67244	.71317
	GRADIENT	-.00010	.01374	.02701	.03624	.04156	.04311	.01275	.01056	.01005	.00630

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.801	-1.983	.04709	1.03986	.95008	.75000	.53777	.33386	1.07108	1.08950	.87051	.90478
.800	1.919	.04480	1.09970	1.04808	.88338	.69010	.48656	1.11729	1.12783	.90625	.92614
.800	5.912	.04295	1.10938	1.11942	.99493	.82793	.63790	1.13307	1.13945	.91117	.92516
.800	9.907	.04397	1.10543	1.16032	1.08105	.94501	.77460	1.11286	1.12097	.88106	.90024
.800	13.857	.04370	1.02425	1.16956	1.13815	1.03877	.89290	1.06054	1.07317	.82155	.85013
.799	17.830	.04509	1.05334	1.14780	1.16717	1.11215	.99775	.97178	.99172	.72894	.76764
	GRADIENT	-.00053	.01277	.02515	.03419	.03904	.03914	.01184	.00982	.00916	.00547

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.900	-1.953	.10581	1.15387	1.00983	.81620	.60908	.40878	1.12601	1.14473	.92886	.96156
.900	1.965	.10638	1.20208	1.10162	.94272	.75352	.55816	1.16781	1.17922	.96059	.98049
.900	5.944	.07905	1.21760	1.16937	1.04850	.88519	.69728	1.17945	1.18840	.96292	.97883
.900	9.984	.07976	1.21193	1.20963	1.13066	.99700	.82817	1.16462	1.17236	.93543	.95653
.900	13.992	.10739	1.17783	1.21972	1.18728	1.08847	.94445	1.11553	1.12815	.88149	.90961
.900	17.996	.10267	1.11015	1.19896	1.21528	1.15853	1.04567	1.03143	1.05165	.79443	.83503
	GRADIENT	.00015	.01231	.02343	.03230	.03687	.03813	.01067	.00880	.00810	.00483

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.950	-1.973	.05681	1.18218	1.04046	.85114	.64787	.45054	1.15519	1.17265	.96194	.99150
.950	1.989	.03369	1.22739	1.13111	.97427	.78959	.59711	1.19638	1.20603	.99289	1.01089
.950	6.006	.08435	1.24511	1.19809	1.07908	.91766	.73320	1.21027	1.21677	.99650	1.00961
.950	9.980	.02360	1.23924	1.23563	1.15697	1.02412	.85826	1.19321	1.20114	.97005	.98805
.950	14.007	.01365	1.20539	1.24506	1.21260	1.11529	.97207	1.14525	1.15778	.91589	.94252
.950	17.985	.00940	1.14234	1.22809	1.24387	1.18534	1.07275	1.06558	1.08507	.83220	.87133
	GRADIENT	-.00583	.01141	.02288	.03108	.03577	.03699	.01040	.00842	.00781	.00489

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.980	-2.021	-.00019	1.19431	1.05906	.87219	.67089	.47541	1.17340	1.18954	.98326	1.01060
.979	2.041	.03281	1.23973	1.14991	.99435	.81054	.62086	1.21374	1.22399	1.01274	1.02999
.980	6.025	.03086	1.26098	1.21558	1.09740	.93774	.75544	1.22712	1.23371	1.01489	1.02821
.980	9.998	-.00454	1.25580	1.25172	1.17544	1.04389	.87855	1.21155	1.21843	.98901	1.00681
.980	14.003	-.02239	1.22387	1.26337	1.23034	1.13411	.99177	1.16499	1.17580	.93728	.96127
.980	18.003	.00647	1.16164	1.24632	1.26107	1.20197	1.09097	1.08652	1.10546	.85482	.89282
	GRADIENT	.00813	.01118	.02237	.03007	.03438	.03581	.00993	.00848	.00726	.00477

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.050	-1.995	-.02704	1.24605	1.11296	.93285	.73842	.54364	1.22046	1.23687	1.03631	1.06365
1.049	2.060	-.04828	1.28912	1.19978	1.05092	.87258	.68333	1.25995	1.26868	1.06350	1.07961
1.049	6.072	-.02341	1.30587	1.26129	1.14831	.99368	.81551	1.27493	1.27803	1.06522	1.07777
1.050	10.045	-.02190	1.29892	1.29611	1.22203	1.09481	.93469	1.25384	1.26166	1.03764	1.05667
1.050	14.074	-.00166	1.26803	1.30544	1.27394	1.17803	1.03981	1.20993	1.22130	.98752	1.01423
1.049	18.029	-.04686	1.21037	1.29142	1.30372	1.24553	1.13522	1.13764	1.15555	.91451	.94779
	GRADIENT	-.00524	.01062	.02141	.02912	.03309	.03445	.00974	.00785	.00671	.00394

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.100	-2.011	-.01986	1.27875	1.14849	.97157	.78104	.59310	1.25311	1.26958	1.06910	1.09901
1.099	2.052	-.01635	1.31880	1.23131	1.08543	.91075	.72472	1.28974	1.29962	1.09498	1.11370
1.100	6.005	-.02448	1.33454	1.29032	1.17769	1.02452	.84892	1.30034	1.30735	1.09708	1.11036
1.100	10.024	-.01078	1.32839	1.32510	1.25159	1.12456	.96513	1.28412	1.29200	1.07002	1.08904
1.100	14.083	.03931	1.30021	1.33620	1.30308	1.20778	1.07036	1.24244	1.25548	1.02249	1.05069
1.100	18.076	.03235	1.24379	1.32197	1.33158	1.27350	1.16330	1.17280	1.19072	.95075	.98757
	GRADIENT	.00086	.00586	.02038	.02803	.03193	.03240	.00902	.00739	.00637	.00362

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.148	-1.987	.03939	1.30973	1.17833	1.00144	.80850	.62033	1.28166	1.29912	1.09479	1.12506
1.149	2.086	.03878	1.35126	1.26272	1.11430	.93803	.75125	1.32063	1.33028	1.12109	1.13967
1.151	6.046	.05813	1.36367	1.32098	1.20679	1.05123	.87169	1.33098	1.33808	1.12118	1.13632
1.151	10.040	.06707	1.36112	1.35429	1.27768	1.14809	.98503	1.31465	1.32233	1.09683	1.11545
1.150	14.088	.06219	1.33111	1.36567	1.32944	1.23139	1.09035	1.27362	1.28635	1.05061	1.07869
1.150	18.062	.05279	1.28323	1.35293	1.36033	1.29761	1.18392	1.20657	1.22486	.98226	1.01922
	GRADIENT	-.00015	.01020	.02072	.02771	.03181	.03215	.00957	.00765	.00646	.00359

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.200	-1.998	.05089	1.33948	1.20931	1.02969	.83382	.64129	1.31393	1.32664	1.12290	1.14242
1.200	2.045	.06296	1.37741	1.28755	1.13723	.95582	.76581	1.34718	1.35443	1.14302	1.15545
1.199	6.060	.06113	1.39135	1.34527	1.22752	1.06745	.88382	1.35619	1.36045	1.14224	1.15084
1.199	10.055	.07340	1.38562	1.38030	1.30138	1.16726	.99954	1.34117	1.34760	1.11956	1.13417
1.200	14.080	.06967	1.35610	1.39047	1.35309	1.25028	1.10351	1.30038	1.31147	1.07363	1.09947
1.200	18.036	.04676	1.31055	1.38488	1.38856	1.32189	1.20174	1.23897	1.25608	1.01094	1.04552
	GRADIENT	.00299	.00938	.01935	.02659	.03017	.03079	.00822	.00687	.00498	.00322

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	-1.9[illegible]	.01405	[illegible]	1.26215	1.07932	.87924	.67806	1.36394	1.38670	1.15740	1.20101
1.300	2.014	.01629	[illegible]	1.33820	1.18445	.99981	.80257	1.39267	1.40906	1.17612	1.20927
1.300	5.952	.01788	[illegible]	1.39409	1.27343	1.10864	.91984	1.40103	1.41624	1.17530	1.20728
1.300	9.980	.02622	1.43009	1.43014	1.34626	1.20738	1.03465	1.38927	1.40333	1.15542	1.18943
1.300	[illegible]	.02552	1.40997	1.44221	1.40387	1.29400	1.14315	1.34800	1.36693	1.11122	1.15309
1.300	[illegible]	.01847	[illegible]	1.43112	1.43328	1.36259	1.23868	1.28187	1.30664	1.04451	1.09735
	GRADIENT	.00043	[illegible]	.01895	.02620	.03005	.03103	.00716	.00557	.00467	.00206

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.550	-1.888	-.12793	1.48219	1.34423	1.14965	.93740	.72712	1.45180	1.46406	1.22771	1.24725
1.550	2.047	-.12894	1.51924	1.42213	1.25404	1.05155	.83843	1.48328	1.49358	1.24621	1.26313
1.550	6.027	-.12802	1.53704	1.48296	1.34704	1.16491	.95922	1.49564	1.50373	1.24658	1.26257
1.549	10.107	-.12029	1.53135	1.51851	1.42289	1.26803	1.07924	1.48172	1.48854	1.22796	1.24711
1.550	14.069	-.12162	1.52130	1.54868	1.48998	1.36110	1.18769	1.46009	1.47037	1.20379	1.22764
1.549	18.098	-.13278	1.46470	1.53490	1.52491	1.43729	1.29118	1.39293	1.40512	1.13589	1.16706
	GRADIENT	-.00026	.00941	.01980	.02653	.02901	.02829	.00800	.00750	.00470	.00404

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.219	8.054	2.02335	1.40155	1.37896	1.28076	1.13421	.95839	1.33732	1.38885	1.08184	1.21126
1.219	11.957	2.18803	1.38129	1.39765	1.33944	1.21998	1.06313	1.30806	1.36036	1.05165	1.18021
1.220	16.095	2.11806	1.33814	1.39490	1.37883	1.29527	1.16374	1.25457	1.31131	.99780	1.13200
1.218	18.084	2.07728	1.31771	1.38905	1.39451	1.32791	1.21092	1.22158	1.28020	.96520	1.09936
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.240	8.054	2.02446	1.40757	1.38202	1.28374	1.13618	.95968	1.34229	1.39326	1.08789	1.21617
1.240	11.968	2.04950	1.39672	1.41126	1.35180	1.22955	1.07006	1.32053	1.37558	1.06068	1.19140
1.238	15.977	2.04826	1.35167	1.40570	1.38769	1.30146	1.16730	1.26514	1.32267	1.00537	1.14220
1.239	18.079	2.06859	1.32039	1.39521	1.40089	1.33337	1.21552	1.22779	1.28860	.96966	1.11002
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.260	8.045	2.01750	1.41856	1.39165	1.29171	1.14034	.96248	1.35499	1.40576	1.09892	1.22556
1.259	11.981	2.04742	1.40395	1.41690	1.35597	1.23256	1.07198	1.32791	1.38360	1.06558	1.20262
1.258	15.984	2.06836	1.36222	1.41617	1.39789	1.31034	1.17525	1.27409	1.33533	1.01068	1.15662
1.258	18.096	2.03443	1.33057	1.40495	1.40858	1.34148	1.22213	1.23670	1.29942	.97618	1.12207
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.280	8.039	2.03566	1.42959	1.40010	1.29593	1.14387	.96391	1.36493	1.41913	1.10744	1.23770
1.280	11.999	2.06283	1.41307	1.42483	1.36228	1.23766	1.07711	1.33659	1.39333	1.07073	1.21242
1.280	15.970	2.02933	1.37159	1.42484	1.40437	1.31689	1.18050	1.28237	1.34576	1.01657	1.16809
1.279	18.105	2.03235	1.34012	1.41398	1.41702	1.34722	1.22737	1.24451	1.31168	.97957	1.13719
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	8.026	2.01617	1.43786	1.40827	1.30442	1.15010	.96978	1.37359	1.42602	1.11504	1.24278
1.300	11.917	2.16776	1.42719	1.43772	1.37331	1.24642	1.08214	1.34810	1.40817	1.07838	1.22626
1.300	15.977	2.01801	1.38173	1.43269	1.40973	1.31981	1.18209	1.29238	1.35575	1.02505	1.17696
1.301	18.072	2.03973	1.35295	1.42621	1.42634	1.35597	1.23259	1.25601	1.32261	.98814	1.14423
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.320	8.006	2.01764	1.45580	1.42513	1.31778	1.16152	.97644	1.38880	1.44226	1.12568	1.25456
1.321	12.016	2.04958	1.43373	1.44566	1.38005	1.25391	1.08967	1.35665	1.41392	1.08735	1.22894
1.319	15.986	2.02529	1.39498	1.44666	1.42276	1.33030	1.18963	1.30541	1.36720	1.03566	1.18390
1.321	18.067	1.99448	1.36744	1.43930	1.44001	1.36612	1.24035	1.27101	1.33563	1.00035	1.15251
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.341	8.001	2.01913	1.46891	1.43910	1.33228	1.17220	.98489	1.40267	1.45701	1.13567	1.26908
1.340	12.007	2.03263	1.44537	1.45620	1.39003	1.26161	1.09642	1.36797	1.42491	1.09583	1.24031
1.340	15.999	2.02679	1.41930	1.46114	1.42679	1.34229	1.19968	1.31889	1.38353	1.04276	1.19801
1.340	18.068	1.98827	1.39379	1.45298	1.44132	1.37639	1.24784	1.28265	1.35009	1.00885	1.16536
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (GVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.360	7.994	2.01203	1.47663	1.44605	1.33815	1.17830	.99205	1.41269	1.46313	1.14601	1.27308
1.360	11.935	2.00672	1.45905	1.46922	1.40127	1.27013	1.10104	1.38109	1.43759	1.10759	1.24697
1.360	15.984	1.97916	1.41846	1.46901	1.44308	1.34788	1.20388	1.32985	1.39040	1.05614	1.20135
1.360	18.040	2.01337	1.39215	1.46362	1.46060	1.38282	1.25309	1.29606	1.36036	1.02223	1.17323
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.380	7.981	2.00908	1.47570	1.45120	1.34982	1.19632	1.00671	1.41074	1.46050	1.14804	1.27170
1.379	11.967	1.96863	1.47036	1.47998	1.41109	1.27981	1.11025	1.39633	1.44774	1.12195	1.25147
1.381	15.941	1.97776	1.43662	1.48592	1.45833	1.35933	1.21078	1.34734	1.40605	1.07135	1.21197
1.381	18.045	1.95208	1.40760	1.47986	1.47483	1.39684	1.26411	1.31218	1.37155	1.03691	1.17803
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.401	7.957	1.99119	1.48909	1.46350	1.36006	1.20174	1.01399	1.42113	1.47421	1.15242	1.28067
1.400	11.908	2.07310	1.47718	1.48934	1.42063	1.28597	1.11400	1.40219	1.45347	1.12966	1.25542
1.399	15.912	1.94836	1.43732	1.48745	1.46259	1.36366	1.21779	1.35276	1.40545	1.08367	1.20836
1.401	18.020	1.94410	1.41501	1.48246	1.47684	1.39816	1.26503	1.31910	1.37619	1.04961	1.18025
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.450	7.958	1.97132	1.50669	1.47687	1.36823	1.20739	1.01805	1.43773	1.49070	1.16731	1.29158
1.450	11.985	1.88933	1.49184	1.50204	1.43165	1.29564	1.12219	1.41601	1.46748	1.14163	1.26669
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.450	16.008	1.95034	1.45204	1.50151	1.47498	1.37448	1.22572	1.36189	1.41994	1.08752	1.22260
1.449	17.954	1.92255	1.42976	1.49984	1.49280	1.41067	1.27372	1.33533	1.39423	1.05993	1.19697
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.200	-1.724	.10896	.96436	.76478	.55595	.35159	.16021	.89818	.93311	.70148	.75824
.202	.162	.10889	.95390	.82475	.63330	.43778	.24874	.92465	.95493	.72816	.76940
.202	2.150	.10901	.98222	.88292	.71284	.53021	.33922	.95301	.98115	.74390	.78088
.200	4.102	.10890	1.00404	.93131	.78245	.60794	.41637	.96795	.99004	.75363	.78900
.199	6.155	.10895	1.01163	.96661	.84060	.68225	.50025	.97529	.99102	.75303	.78211
.200	8.172	.10944	1.00143	.98691	.88558	.74144	.56957	.96108	.97452	.73205	.76303
.200	10.191	.10956	1.00517	1.00787	.92976	.80641	.64006	.94511	.96727	.71693	.75023
.200	12.186	.11012	.98266	1.01123	.95926	.85359	.70509	.92064	.94271	.68681	.72212
.200	14.194	.11033	.94280	1.00132	.97318	.88725	.75008	.87240	.90082	.63523	.68324
.199	16.200	.11056	.92490	.99970	1.00385	.94049	.81412	.83142	.86467	.58810	.64342
	GRADIENT	-.00000	.00761	.02864	.03898	.04425	.04411	.01220	.01012	.00883	.00533

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.250	-3.986	.04782	.88301	.69971	.48175	.27458	.08914	.86782	.89595	.67994	.74255
.251	-2.079	.04761	.92727	.76867	.56274	.36107	.17250	.90573	.93156	.71683	.75977
.251	-.007	.04722	.96403	.83358	.64945	.45243	.26428	.94681	.96831	.74757	.78188
.252	1.932	.04728	.99755	.89310	.72445	.53866	.35111	.97398	.98902	.76467	.79248
.253	3.917	.04702	1.00218	.93067	.78313	.60812	.42722	.97680	.98744	.76806	.79341
.254	5.951	.04749	1.01710	.96885	.84893	.68475	.51055	.98546	.99818	.76662	.79402
.253	7.977	.04765	1.01342	.99452	.89513	.74913	.58255	.98163	.99230	.75750	.78081
.252	10.002	.04759	.99871	1.00734	.93477	.81088	.64922	.96024	.96887	.73197	.75762
.251	11.976	.04770	.99020	1.02257	.97515	.86733	.71927	.94278	.95579	.70600	.74047
.252	13.990	.04751	.95808	1.01671	.99950	.91369	.76868	.89892	.91826	.65074	.70210
.253	16.030	.04821	.90791	1.00567	1.00556	.94157	.82732	.84837	.87394	.60618	.65718
	GRADIENT	-.00010	.01557	.02958	.03858	.04262	.04313	.01445	.01214	.01131	.00679

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OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.399	-1.885	.08248	.96612	.80734	.60340	.40081	.20414	.93735	.96364	.74431	.78617
.399	.013	.08249	.99282	.86281	.67501	.47925	.28243	.96421	.98688	.76277	.79745
.401	1.980	.08196	1.01533	.91279	.74585	.55942	.36503	.98345	1.00136	.77745	.80615
.400	3.996	.08186	1.03580	.96191	.81401	.63841	.44737	1.00379	1.01597	.78759	.81294
.401	5.974	.08179	1.04065	.99474	.86908	.70880	.52666	1.00520	1.01503	.78114	.80645
.400	8.006	.08143	1.04371	1.02444	.92278	.77587	.60239	1.00112	1.01333	.77388	.79694
.401	10.007	.08146	1.03428	1.03947	.96391	.83758	.67213	.98499	.99943	.75334	.78087
.400	12.047	.08106	1.01156	1.04241	.99207	.88484	.73246	.95498	.97065	.71857	.74855
.399	14.037	.08164	.98601	1.04264	1.01905	.93024	.78919	.91992	.93912	.68063	.71414
.399	16.028	.08161	.94861	1.03323	1.03534	.96877	.84649	.87435	.89469	.63290	.67218
	GRADIENT	-.00012	.01180	.02618	.03582	.04043	.04150	.01113	.00873	.00736	.00453

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.600	-1.874	-.04319	1.01943	.86615	.66160	.45104	.24419	.99159	1.01485	.79029	.83096
.600	.028	-.04294	1.05333	.92526	.73808	.53611	.33119	1.02342	1.04258	.81417	.84819
.601	2.030	-.04326	1.07700	.97199	.80441	.61284	.41372	1.04152	1.05703	.83030	.85497
.601	4.126	-.04440	1.09220	1.01904	.87342	.69657	.49879	1.05772	1.06964	.83850	.86011
.602	6.079	-.04259	1.09351	1.04731	.92424	.75977	.57292	1.05657	1.06640	.83186	.85186
.602	8.055	-.04281	1.09392	1.07087	.97047	.82201	.64249	1.04929	1.05963	.82113	.84059
.601	10.054	-.04134	1.08578	1.08843	1.01091	.87850	.71135	1.03587	1.04777	.80242	.82449
.601	12.077	-.04001	1.06741	1.09425	1.04150	.92773	.77259	1.01032	1.02271	.77195	.79809
.600	14.076	-.03673	1.04255	1.09474	1.06921	.97530	.83168	.97654	.99411	.73353	.76742
.600	16.039	-.03301	1.00708	1.08561	1.08486	1.01309	.88489	.93377	.95288	.68860	.72555
	GRADIENT	-.00020	.01205	.02523	.03506	.04064	.04229	.01078	.00890	.00800	.00468

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.700	-2.035	-.00730	1.05390	.89704	.69004	.47659	.26199	1.02373	1.04756	.82039	.86081
.699	.139	-.01408	1.08621	.95897	.77264	.56914	.35835	1.05743	1.07580	.84783	.87779
.700	2.072	-.00653	1.10804	1.00633	.83865	.64561	.43996	1.07605	1.09191	.86123	.88741
.701	4.008	.00230	1.12313	1.04757	.90080	.71926	.51860	1.08833	1.10128	.86899	.89060
.701	6.043	-.00304	1.12871	1.07985	.95472	.78820	.59596	1.09098	1.10189	.86558	.88598
.701	8.045	-.00475	1.12850	1.10603	1.00358	.85234	.66883	1.08583	1.09590	.85554	.87510
.701	10.045	.01324	1.11992	1.12012	1.04131	.90638	.73516	1.07033	1.08203	.83555	.85834
.699	12.024	.00462	1.10569	1.12863	1.07336	.95709	.79688	1.04958	1.06258	.80974	.83635
.699	14.070	.01986	1.08171	1.13031	1.10151	1.00386	.85775	1.01732	1.03278	.77380	.80450
.698	16.050	.03820	1.04746	1.12057	1.11743	1.04117	.91100	.97382	.99342	.72621	.76769
	GRADIENT	.00176	.01148	.02492	.03485	.04013	.04247	.01065	.00889	.00799	.00497

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.800	-3.954	.04038	1.06084	.88425	.66686	.44561	.22883	1.03539	1.06119	.84041	.88179
.800	-1.973	.04221	1.09953	.94733	.74634	.53281	.31790	1.07166	1.09190	.86913	.90461
.800	-.059	.04052	1.12696	.99946	.81541	.61006	.39957	1.09764	1.11479	.89013	.91804
.800	1.946	.03434	1.15138	1.04707	.88128	.68649	.48209	1.11819	1.13154	.90560	.92693
.800	3.976	.03163	1.16396	1.08762	.94222	.76091	.56067	1.13082	1.13963	.91298	.92872
.799	6.001	.03136	1.17034	1.11897	.99395	.82669	.63324	1.13195	1.14077	.90833	.92442
.800	7.989	.03248	1.16896	1.14442	1.04182	.88973	.70493	1.12785	1.13665	.89901	.91716
.800	9.976	.03421	1.16254	1.16058	1.08052	.94363	.77094	1.11550	1.12466	.88204	.90194
.800	12.010	.03508	1.14797	1.16929	1.11357	.99512	.83362	1.09330	1.10384	.85610	.87876
.800	14.004	.03785	1.12522	1.16948	1.13808	1.03766	.89006	1.06186	1.07622	.82220	.85147
.800	15.992	.04120	1.09449	1.16350	1.15677	1.07814	.94569	1.02306	1.04161	.78069	.81695
	GRADIENT	-.00129	.01303	.02559	.03465	.03964	.04185	.01198	.00992	.00916	.00586

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.850	-4.019	.09121	1.08962	.91660	.70366	.48485	.27929	1.06399	1.03833	.87091	.91266
.849	-2.012	.03418	1.12768	.97832	.78086	.57038	.36645	1.09942	1.11992	.89888	.93326
.850	-.045	.09397	1.15364	1.03005	.84923	.64825	.44642	1.12567	1.14037	.91976	.94511
.850	1.982	.03182	1.17371	1.07465	.91280	.72167	.52328	1.14247	1.15556	.93347	.95268
.850	3.930	.03660	1.18796	1.11405	.97136	.79200	.59446	1.15519	1.16307	.93862	.95456
.850	5.964	.09852	1.19246	1.14406	1.02292	.85731	.66773	1.15610	1.16432	.93548	.95111
.850	7.991	.10075	1.19305	1.16857	1.06870	.91784	.73753	1.15115	1.15905	.92421	.94244
.850	9.991	.10357	1.18493	1.18473	1.10696	.97205	.80163	1.13854	1.14837	.90695	.92871
.850	12.013	.04696	1.17022	1.19136	1.13662	1.01932	.86109	1.11550	1.12693	.88098	.90433
.849	14.018	.05126	1.14885	1.19269	1.16051	1.06336	.91779	1.08657	1.10061	.84804	.87791
.850	16.010	.05727	1.11810	1.18727	1.18033	1.10250	.97201	1.04926	1.06623	.80916	.84295
	GRADIENT	-.00564	.01221	.02470	.03355	.03849	.03958	.01134	.00931	.00855	.00519

OA232 AEDC 16T TF431 LA .2P/5 RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.899	-1.933	.13339	1.15568	1.01251	.81829	.61436	.41331	1.12713	1.14881	.93157	.96577
.900	-.054	.09408	1.18113	1.06075	.88263	.68638	.48493	1.15257	1.16976	.95083	.97695
.900	1.933	.12022	1.20152	1.10514	.94462	.75722	.55922	1.17113	1.18413	.96256	.98540
.900	3.933	.07374	1.21229	1.14046	.99917	.82384	.62984	1.18016	1.19044	.96745	.98544
.900	5.933	.08423	1.21936	1.17190	1.05107	.88899	.70166	1.18453	1.19451	.96703	.98382
.899	7.938	.11119	1.21927	1.19464	1.09470	.94745	.76862	1.17867	1.18745	.95425	.97376
.900	9.976	.08633	1.21200	1.20935	1.13178	.99943	.83043	1.16513	1.17479	.93585	.95862
.900	11.997	.06858	1.19820	1.21840	1.16250	1.04792	.89102	1.14531	1.15677	.91431	.93855
.900	14.015	.12082	1.17789	1.21944	1.18820	1.09078	.94655	1.11628	1.13283	.88294	.91407
.900	15.994	.10687	1.14900	1.21529	1.20569	1.12980	.99953	1.07974	1.09781	.84308	.87992
.900	18.001	.11208	1.11281	1.20132	1.21701	1.16193	1.04862	1.03514	1.05468	.79388	.83786
	GRADIENT	-.00778	.00969	.02184	.03085	.03569	.03695	.00904	.00709	.00607	.00343

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.950	-3.991	.02209	1.14880	.98470	.78055	.56998	.37107	1.12386	1.14592	.93743	.97446
.950	-2.011	.06000	1.18165	1.03917	.84999	.64743	.44851	1.15526	1.17328	.96128	.99284
.950	.026	.02621	1.20715	1.08903	.91587	.72212	.52514	1.17963	1.19417	.98120	1.00437
.951	1.927	.02801	1.22684	1.13092	.97303	.78761	.59526	1.19729	1.20924	.99308	1.01221
.950	3.960	.03426	1.24001	1.16745	1.02943	.85550	.66604	1.20729	1.21665	.99843	1.01439
.950	5.989	.03247	1.24479	1.19704	1.07807	.91683	.73290	1.21033	1.21768	.99544	1.00996
.950	7.985	.08217	1.24489	1.21962	1.12160	.97346	.79687	1.20492	1.21342	.98461	1.00203
.949	9.968	.08615	1.23979	1.23577	1.15851	1.02559	.85847	1.19449	1.20242	.96917	.98863
.950	12.032	.07405	1.22571	1.24374	1.18933	1.07379	.91863	1.17246	1.18327	.94440	.96759
.950	14.000	.01458	1.20565	1.24593	1.21345	1.11605	.97327	1.14575	1.15973	.91558	.94340
.950	15.959	.03634	1.17745	1.24025	1.23000	1.15253	1.02365	1.10976	1.12692	.87907	.91034
.950	18.010	.01165	1.14008	1.22683	1.24205	1.18344	1.07356	1.06377	1.08503	.83060	.87095
	GRADIENT	-.00039	.01147	.02305	.03129	.03585	.03713	.01053	.00894	.00775	.00500

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

PARAMETRIC DATA

BETA = .000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.978	-1.951	.03949	1.20069	1.06264	.87454	.67745	.48027	1.17478	1.19360	.98279	1.01444
.979	.004	.02178	1.22713	1.11112	.93911	.74833	.55274	1.19925	1.21447	1.00209	1.02678
.980	1.929	.04838	1.24387	1.15015	.99493	.81288	.61936	1.21467	1.22762	1.01282	1.03385
.980	3.952	.02860	1.25603	1.18673	1.04821	.87789	.68836	1.22493	1.23452	1.01867	1.03383
.980	5.970	.02823	1.26299	1.21625	1.09883	.94039	.75690	1.22880	1.23701	1.01600	1.03172
.979	7.957	.02060	1.26278	1.23832	1.14138	.99582	.82071	1.22155	1.23312	1.00562	1.02386
.977	9.994	.00535	1.25568	1.25272	1.17631	1.04670	.88136	1.20988	1.21923	.98796	1.00762
.980	12.005	.06057	1.24401	1.26174	1.20643	1.09355	.93918	1.19216	1.20427	.96650	.99113
.977	13.977	-.01122	1.22378	1.26301	1.22977	1.13421	.99158	1.16576	1.17814	.93816	.96331
.978	16.022	.03146	1.19549	1.25934	1.24872	1.17155	1.04507	1.12930	1.14615	.89798	.93316
.978	18.021	-.00828	1.16143	1.24649	1.26043	1.20527	1.09348	1.08739	1.10750	.85640	.89420
	GRADIENT	-.00034	.00930	.02094	.02937	.03391	.03518	.00844	.00691	.00602	.00331

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.050	-4.011	-.04137	1.21549	1.05999	.86549	.66497	.47382	1.19081	1.21283	1.01298	1.04710
1.050	-2.006	-.03995	1.24562	1.11261	.93232	.73800	.54925	1.22093	1.23882	1.03571	1.06421
1.050	-.055	-.05610	1.27055	1.15736	.99214	.80607	.61615	1.24319	1.25664	1.05292	1.07374
1.050	1.946	-.05909	1.28828	1.19724	1.04763	.87004	.68125	1.25972	1.27052	1.06404	1.08043
1.050	3.967	-.03072	1.30070	1.23336	1.10154	.93433	.74917	1.26919	1.27792	1.06852	1.08225
1.050	5.950	-.02846	1.30477	1.25970	1.14609	.99122	.81255	1.27183	1.27936	1.06495	1.07895
1.050	8.010	-.04364	1.30425	1.28160	1.18588	1.04527	.87465	1.26594	1.27377	1.05403	1.06923
1.050	9.991	-.05323	1.29869	1.29557	1.22087	1.09240	.93131	1.25476	1.26407	1.03846	1.05691
1.050	11.987	-.05063	1.28717	1.30329	1.24899	1.13646	.98570	1.23672	1.24692	1.01800	1.03882
1.050	14.029	-.04983	1.26693	1.30460	1.27284	1.17789	1.03921	1.21035	1.22408	.98961	1.01394
1.049	15.995	-.05507	1.24382	1.30222	1.29143	1.21325	1.08895	1.17951	1.19472	.95621	.98499
1.050	17.990	-.04488	1.20944	1.28934	1.30101	1.24389	1.13336	1.13695	1.15657	.91336	.94772
	GRADIENT	.00013	.01070	.02166	.02950	.03369	.03429	.00981	.00813	.00700	.00434

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.101	-1.969	.03297	1.28142	1.15138	.97294	.78388	.58935	1.25522	1.27595	1.07102	1.10319
1.099	.055	-.02458	1.30199	1.19298	1.03019	.84870	.65715	1.27513	1.29106	1.08472	1.11100
1.099	2.012	-.02394	1.31996	1.23238	1.08564	.91194	.72279	1.29115	1.30448	1.09648	1.11786
1.101	4.037	.03866	1.33014	1.26393	1.13325	.96967	.78583	1.29911	1.31013	1.09859	1.11764
1.098	6.006	-.02105	1.33572	1.29256	1.17898	1.02697	.84951	1.30203	1.31192	1.09691	1.11429
1.101	8.047	.03941	1.33571	1.31195	1.21800	1.07934	.90920	1.29743	1.30726	1.08670	1.10452
1.098	10.017	-.03499	1.33054	1.32674	1.25265	1.12710	.96661	1.28630	1.29662	1.07192	1.09215
1.102	12.052	.02985	1.31792	1.33361	1.27965	1.17343	1.01877	1.26891	1.27950	1.05081	1.07325
1.099	14.010	-.01494	1.29862	1.33441	1.30131	1.20681	1.06837	1.24273	1.25643	1.02181	1.05076
1.100	16.025	.03519	1.27517	1.33213	1.31968	1.24308	1.11778	1.21253	1.22960	.99099	1.02384
1.100	18.045	.03500	1.24153	1.32102	1.33005	1.27272	1.16196	1.17272	1.19343	.95032	.98845
	GRADIENT	.00089	.00821	.01887	.02685	.03107	.03279	.00739	.00580	.00473	.00251

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-3.934	.03267	1.28371	1.13342	.94382	.74629	.55711	1.25846	1.28120	1.07842	1.11508
1.150	-1.988	.03226	1.31120	1.18064	1.00394	.81237	.62446	1.28465	1.30369	1.09690	1.12843
1.148	.000	.03353	1.33352	1.22257	1.05960	.87426	.68675	1.30441	1.32002	1.11030	1.13629
1.150	1.998	.03197	1.35008	1.26217	1.11389	.93693	.75060	1.32087	1.33275	1.12123	1.14147
1.150	4.013	.05268	1.36179	1.29545	1.16373	.99733	.81220	1.32993	1.33898	1.12513	1.14166
1.150	6.026	.03196	1.36544	1.32096	1.20601	1.05186	.87322	1.33134	1.33906	1.12188	1.13716
1.149	8.010	.03001	1.36474	1.33969	1.24464	1.10179	.93064	1.32568	1.33479	1.11146	1.12949
1.149	10.080	.02214	1.35967	1.35507	1.27925	1.15014	.98810	1.31457	1.32448	1.09559	1.11664
1.150	12.022	.02363	1.34948	1.36354	1.30608	1.19245	1.03966	1.29898	1.31025	1.07719	1.10151
1.146	14.094	.04003	1.32907	1.36368	1.32879	1.23089	1.09021	1.27178	1.28677	1.04874	1.07882
1.147	16.036	.03201	1.30470	1.36016	1.34576	1.26517	1.13804	1.24059	1.25860	1.01707	1.05209
1.149	18.044	.03111	1.27930	1.35217	1.35954	1.29838	1.18441	1.20617	1.22580	.98157	1.01984
	GRADIENT	.00201	.00980	.02039	.02765	.03152	.03200	.00900	.00726	.00591	.00332

C-16

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.199	-1.874	.06219	1.34073	1.21240	1.03382	.84054	.64344	1.31478	1.33185	1.12189	1.14937
1.200	.013	.05093	1.36151	1.25370	1.08792	.90234	.70621	1.33403	1.34861	1.13525	1.15778
1.199	2.024	.06468	1.37686	1.28897	1.13945	.95977	.76601	1.34716	1.36014	1.14310	1.16404
1.198	4.065	.06276	1.38782	1.32221	1.18839	1.02004	.83139	1.35594	1.36621	1.14743	1.16458
1.200	5.985	.05268	1.39352	1.34916	1.23229	1.07467	.89163	1.35976	1.36867	1.14462	1.16176
1.198	8.062	.06082	1.39246	1.36855	1.27201	1.12615	.95116	1.35282	1.36360	1.13413	1.15312
1.198	10.072	.06415	1.38768	1.38328	1.30480	1.17451	1.00774	1.34283	1.35362	1.12063	1.14152
1.198	12.020	.07192	1.37620	1.39028	1.33072	1.21438	1.05801	1.32557	1.33881	1.10120	1.12644
1.201	13.911	.05199	1.36169	1.39365	1.35400	1.25305	1.10619	1.30571	1.31919	1.07875	1.10800
1.199	16.059	.06624	1.33797	1.39121	1.37350	1.29054	1.15912	1.27450	1.29234	1.04759	1.08094
1.200	18.069	.06521	1.31143	1.38517	1.38812	1.32380	1.20546	1.24184	1.26180	1.01277	1.05252
	GRADIENT	.00081	.00788	.01837	.02597	.03004	.03144	.00687	.00576	.00424	.00260

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.301	-2.099	.02084	1.39588	1.26276	1.07819	.87842	.67722	1.36396	1.39081	1.15575	1.20501
1.299	-.054	.02245	1.41457	1.30477	1.13552	.94421	.74320	1.38126	1.40380	1.17004	1.21126
1.300	1.992	.01930	1.42848	1.33970	1.18579	1.00355	.80422	1.39464	1.41287	1.17849	1.21281
1.301	3.918	.02128	1.43572	1.36676	1.22898	1.05349	.85980	1.39878	1.41699	1.17739	1.21311
1.299	6.013	.02304	1.44303	1.39660	1.27641	1.11446	.92516	1.40204	1.42027	1.17526	1.21073
1.300	7.959	.02137	1.44191	1.41556	1.31355	1.16271	.98088	1.39812	1.41462	1.16829	1.20255
1.301	9.958	.02969	1.43715	1.43051	1.34760	1.21126	1.03709	1.38906	1.40584	1.15655	1.19196
1.299	12.010	.03138	1.43193	1.44474	1.38147	1.25814	1.09409	1.37834	1.39484	1.14073	1.17873
1.299	14.013	.03011	1.41017	1.44310	1.40174	1.29698	1.14593	1.34836	1.36921	1.11178	1.15560
1.300	15.979	.02479	1.38453	1.43713	1.41820	1.33029	1.19309	1.31798	1.34077	1.08057	1.13027
1.298	18.014	.02671	1.35865	1.43211	1.43265	1.36511	1.24145	1.28497	1.31117	1.04773	1.10137
	GRADIENT	-.00009	.00666	.01728	.02503	.02911	.03030	.00588	.00437	.00367	.00129

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.401	-1.978	-.03899	1.44236	1.30801	1.11666	.91184	.70331	1.41302	1.42988	1.19654	1.22208
1.401	.046	-.04466	1.46019	1.34798	1.17403	.97450	.76610	1.42850	1.44367	1.20548	1.22965
1.399	1.976	-.04320	1.47711	1.38274	1.22076	1.02899	.82325	1.44237	1.45866	1.21513	1.24096
1.398	3.877	-.04274	1.48851	1.41654	1.27183	1.08889	.88476	1.45250	1.46568	1.22044	1.24292
1.400	5.875	-.04540	1.49995	1.44461	1.31220	1.14114	.94557	1.46094	1.47235	1.22147	1.24357
1.399	7.959	-.04244	1.49436	1.46670	1.35941	1.20126	1.01134	1.44772	1.46434	1.20454	1.23619
1.401	9.928	-.04313	1.48743	1.47788	1.38946	1.24523	1.06346	1.43843	1.45277	1.19182	1.22435
1.399	11.970	-.03625	1.48040	1.48982	1.42063	1.29063	1.11809	1.42524	1.44383	1.17772	1.21271
1.400	13.987	-.03894	1.46463	1.49413	1.44560	1.33141	1.16925	1.40345	1.42202	1.15428	1.19182
1.401	15.964	-.04001	1.44449	1.49476	1.46884	1.37106	1.22233	1.37797	1.39629	1.13054	1.16326
1.398	17.979	-.03897	1.41789	1.48873	1.48439	1.40515	1.27222	1.34487	1.36572	1.09993	1.13514
	GRADIENT	-.00051	.00798	.01849	.02628	.03004	.03085	.00679	.00629	.00418	.00379

RUN NO. 242/ (RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.550	-3.908	-.12939	1.46278	1.30355	1.09566	.87782	.66663	1.43353	1.45266	1.21497	1.24197
1.550	-1.938	-.13664	1.48267	1.34393	1.14909	.93697	.72648	1.45303	1.46777	1.22941	1.24952
1.549	.101	-.13415	1.50708	1.38833	1.20394	.99434	.78135	1.47299	1.48647	1.24018	1.25965
1.549	2.006	-.13436	1.51963	1.42194	1.25364	1.05189	.83858	1.48464	1.49620	1.24707	1.26367
1.551	4.041	-.13181	1.53054	1.45342	1.30188	1.10960	.90042	1.49269	1.50204	1.24908	1.26505
1.550	6.042	-.13033	1.53869	1.48433	1.35007	1.16424	.96153	1.49732	1.50762	1.24840	1.26502
1.550	8.071	-.12786	1.53784	1.50530	1.38989	1.22122	1.02267	1.49354	1.50196	1.24171	1.25899
1.550	10.068	-.12125	1.53171	1.51857	1.42273	1.26898	1.07974	1.48307	1.49242	1.22989	1.25029
1.550	12.078	-.11810	1.52844	1.53463	1.45911	1.31780	1.13537	1.47288	1.48444	1.21766	1.23899
1.549	14.111	-.12056	1.52326	1.55038	1.49408	1.36489	1.19012	1.46253	1.47474	1.20532	1.23113
1.550	16.076	-.12176	1.49364	1.54199	1.51139	1.40410	1.24525	1.42660	1.44070	1.17138	1.19812
	GRADIENT	-.00013	.00870	.01904	.02605	.02915	.02921	.00756	.00641	.00433	.00304

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.199	-1.834	1.95535	.91645	.75842	.54765	.34573	.16125	.86700	.94352	.64466	.79959
.201	.185	2.04675	.94088	.82165	.63550	.44953	.25724	.89435	.96757	.66473	.81515
.201	2.159	2.06043	.96335	.86731	.70193	.52171	.33091	.91452	.98157	.67975	.82645
.200	4.155	2.01016	.99898	.92428	.77579	.59956	.41920	.93718	1.00651	.69339	.83821
.200	6.093	1.97849	.99575	.95531	.83220	.67263	.49171	.93590	1.00330	.68700	.83229
.200	7.827	1.79194	.98256	.97876	.87258	.72985	.55708	.92901	.99877	.67723	.82510
.200	9.847	1.70553	.99967	1.00238	.91984	.79636	.63198	.92437	.98340	.66351	.80078
.200	11.799	1.82293	.97136	1.01087	.95436	.85042	.69698	.90042	.96374	.63755	.77256
.200	13.699	1.80752	.94019	1.00569	.97732	.89285	.75238	.86487	.92387	.60197	.72831
.199	15.718	1.83309	.91769	.99646	.99842	.93320	.80745	.81815	.88169	.56085	.68326
	GRADIENT	.00897	.01354	.02725	.03766	.04182	.04251	.01157	.01018	.00809	.00638

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.252	-2.013	1.92393	.91348	.76436	.56392	.36345	.18027	.87929	.94972	.66169	.80665
.252	.002	2.04735	.97742	.83257	.64704	.45507	.26553	.91125	.97742	.68512	.83221
.252	1.995	2.07041	.98526	.88334	.72174	.53669	.35413	.93415	1.00226	.69807	.84473
.252	3.987	2.07997	.99755	.92510	.78206	.60904	.43219	.94624	1.01248	.70282	.84793
.251	6.020	2.10500	1.01266	.96109	.84257	.68304	.51107	.94797	1.01481	.69588	.84661
.250	7.934	2.00625	1.00834	.99122	.89208	.74544	.57781	.94795	1.00834	.68942	.83799
.250	9.843	1.69448	1.00144	1.01020	.93876	.80880	.65133	.93650	.99712	.67475	.81744
.251	11.909	1.88358	.97944	1.01611	.96653	.86517	.71496	.91051	.96868	.64579	.78776
.251	13.898	1.92431	.95424	1.01433	.99494	.90040	.77653	.87061	.93282	.61124	.74408
.252	15.921	1.93182	.91344	.99880	1.00722	.94085	.82188	.82597	.88360	.56366	.68943
	GRADIENT	.02461	.01302	.02667	.03648	.04094	.04224	.01120	.01066	.00682	.00683

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.400	-1.936	2.04605	.95588	.79964	.59633	.39434	.19823	.90647	.97782	.67687	.83090
.401	.022	2.05671	.98875	.86064	.67274	.47808	.26121	.93491	1.00604	.70328	.85127
.401	2.016	2.04142	1.01318	.91293	.74593	.55943	.36730	.95811	1.02123	.71506	.86070
.401	[illegible]	2.04299	1.03178	.95594	.81110	.63637	.44794	.96636	1.03289	.72355	.86557
.402	5.965	2.05162	1.03823	.99255	.86635	.70568	.52443	.97636	1.03819	.72341	.86528
.400	7.900	1.94379	1.04379	1.01377	91128	.76485	.59309	.96960	1.02944	.71063	.85326
.399	9.957	1.83495	1.02889	1.03178	.95450	.82607	.66290	.95354	1.01364	.69224	.82733
.399	[illegible]	1.83907	[illegible]	1.04249	.98971	.87758	.72605	.93304	.99278	.67131	.79941
.398	[illegible]	1.85170	[illegible]	1.03876	1.01384	.92212	.78251	.90232	.95694	.64040	.76110
.398	[illegible]	1.87654	[illegible]	1.02332	1.02553	.95723	.83630	.85497	.91199	.59158	.71120
	GRADIENT	[illegible]	[illegible]	.02031	.03522	.04076	.04217	.01024	.00910	.00766	.00572

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.600	-1.926	1.95809	1.01169	.85833	.65523	.44405	.24122	.96059	1.02983	.72932	.87993
.600	.080	1.95860	1.04606	.91902	.73340	.53300	.33067	.99238	1.05907	.75377	.89929
.601	2.085	1.96682	1.06996	.96843	.80325	.61198	.41366	1.01433	1.07576	.76840	.90904
.601	4.085	1.97066	1.08200	1.00798	.86322	.68473	.49101	1.02290	1.08111	.77083	.91013
.601	7.998	1.95717	1.08855	1.06493	.96174	.81244	.63407	1.02219	1.07839	.75809	.89954
.601	10.061	1.89968	1.08152	1.08314	1.00504	.87148	.70471	1.00887	1.06463	.74384	.87673
.601	11.884	1.93373	1.06645	1.09128	1.03739	.92184	.76586	.98963	1.04385	.72040	.85023
.601	13.886	1.98200	1.03994	1.09105	1.06297	.96652	.82453	.95693	1.00958	.68677	.81188
.600	15.897	2.01520	1.00302	1.08056	1.07929	1.00541	.87765	.91261	.96739	.64100	.76834
.598	17.853	2.00446	.96497	1.06459	1.06822	1.03738	.92677	.86379	.92292	.59064	.72207
	GRADIENT	.00229	.01172	.02487	.03463	.03998	.04154	.01043	.00851	.00695	.00501

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.698	-1.959	2.00075	1.04925	.89647	.69406	.48066	.27400	.99719	1.06615	.76410	.91336
.700	.082	1.98223	1.08211	.95577	.77016	.56828	.36367	1.02830	1.09235	.78827	.93094
.700	2.041	2.00788	1.10311	1.00259	.83732	.64338	.44344	1.04717	1.10844	.80015	.94182
.701	4.095	1.99505	1.11749	1.04362	.89859	.71964	.52446	1.05925	1.11829	.80681	.94394
.701	6.090	2.02958	1.12431	1.07548	.95167	.78525	.59807	1.06188	1.12141	.80210	.94394
.702	7.969	1.97410	1.12478	1.09949	.99609	.84524	.66508	1.05797	1.11572	.79301	.93494
.702	10.040	1.87970	1.11766	1.11744	1.04126	.90661	.73698	1.04559	1.10120	.77893	.91246
.700	11.880	1.90655	1.10112	1.12525	1.07011	.95410	.79592	1.02492	1.07918	.75514	.88691
.700	13.862	1.93882	1.07984	1.12498	1.09504	.99771	.85291	.99422	1.04841	.72393	.85181
.700	15.860	1.95279	1.04580	1.11851	1.11414	1.03872	.90888	.95485	1.00981	.68272	.81007
.700	17.910	1.97817	1.00204	1.10089	1.12254	1.07009	.95817	.90179	.96097	.62795	.76085
	GRADIENT	.00039	.01122	.02426	.03383	.03936	.04131	.01019	.00857	.00696	.00510

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 231/ 0 RN/_ = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.800	-3.939	2.03094	1.05756	.88378	.66885	.44902	.24094	1.00887	1.07735	.78478	.93267
.800	-2.045	2.07342	1.09398	.94327	.74359	.53060	.32461	1.04302	1.10896	.81081	.95679
.800	.000	2.05554	1.12341	.99808	.81659	.61312	.40904	1.07083	1.13210	.83222	.97090
.799	1.978	2.05768	1.14499	1.04465	.87978	.68699	.48670	1.08995	1.14881	.84604	.98026
.800	3.983	2.08144	1.15857	1.08359	.93847	.75812	.56300	1.10108	1.15718	.85014	.98336
.800	6.006	2.10920	1.16434	1.11342	.99072	.82274	.63452	1.10207	1.16017	.84382	.98415
.800	7.947	2.06394	1.16456	1.13793	1.03532	.88113	.70188	1.09634	1.15552	.83242	.97733
.800	10.017	1.85387	1.15712	1.15620	1.07762	.94192	.77186	1.08687	1.14184	.82280	.95546
.800	11.941	1.88748	1.14300	1.16464	1.10936	.99110	.83230	1.06623	1.12046	.79788	.92973
.800	13.904	1.91571	1.12082	1.16536	1.13435	1.03443	.80913	1.03743	1.09167	.76969	.89811
.800	15.895	1.91011	1.08958	1.15873	1.15202	1.07328	.94296	.99929	1.05455	.73200	.85760
.798	17.981	1.94270	1.05009	1.14435	1.16445	1.10831	.99546	.95098	1.01000	.67954	.81170
.798	18.963	1.95260	1.02511	1.13133	1.16495	1.12006	1.01688	.92101	.98268	.65021	.78624
	GRADIENT	.00425	.01271	.02519	.03396	.03896	.04055	.01162	.01002	.00833	.00626

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.849	-3.974	2.05947	1.08433	.91450	.70313	.48487	.27965	1.03571	1.10256	.81346	.96064
.850	-2.002	2.09662	1.12161	.97480	.77967	.56864	.36480	1.07209	1.13517	.84227	.98245
.851	-.034	2.11406	1.14744	1.02749	.84840	.64721	.44487	1.09813	1.15813	.86162	.99792
.851	1.965	2.12168	1.16904	1.07109	.91063	.72361	.52033	1.11537	1.17195	.87316	1.00580
.850	3.993	2.08435	1.18213	1.10746	.96619	.78626	.59233	1.12503	1.18083	.87614	1.00795
.850	5.964	2.14451	1.18945	1.14009	1.01867	.85312	.66522	1.12755	1.18395	.87146	1.00864
.849	7.944	2.06393	1.18783	1.16172	1.05989	.90834	.72831	1.12099	1.17908	.85936	1.00192
.849	10.033	1.84843	1.18095	1.17913	1.10128	.96721	.79758	1.11055	1.16508	.84700	.98145
.850	11.921	1.83561	1.16675	1.18759	1.13179	1.01266	.85641	1.09121	1.14441	.82586	.95636
.850	13.923	1.91607	1.14530	1.18854	1.15664	1.05744	.91299	1.06285	1.11710	.79651	.92588
.850	15.908	1.90609	1.11709	1.18496	1.17738	1.09825	.96841	1.02849	1.08240	.76183	.88796
.849	17.942	1.92925	1.07780	1.16924	1.18660	1.13086	1.01735	.98055	1.03797	.71320	.84341
	GRADIENT	.00372	.01220	.02422	.03301	.03806	.03923	.01114	.00970	.00784	.00592

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.900	-3.941	2.05678	1.11313	.94813	.74028	.52597	.32269	1.06732	1.13232	.84744	.99005
.900	-2.084	2.07112	1.14741	1.00235	.80930	.60156	.39972	1.09860	1.16080	.87223	1.01014
.900	-.046	2.11651	1.17461	1.05472	.87885	.67942	.47927	1.12393	1.18253	.89034	1.02442
.900	1.976	2.08994	1.19509	1.09778	.94026	.75155	.55517	1.14199	1.19752	.90303	1.03156
.900	3.982	2.10629	1.20776	1.13475	.99505	.81743	.62669	1.15248	1.20380	.90751	1.03342
.899	5.913	2.16409	1.21184	1.16183	1.04095	.87619	.69037	1.15027	1.20725	.89871	1.03388
.900	7.882	2.02661	1.21424	1.18723	1.08709	.93616	.75756	1.14856	1.20509	.89095	1.02913
.900	10.011	1.84314	1.20687	1.20365	1.12618	.99248	.82449	1.13732	1.19104	.87793	1.00922
.900	11.896	1.82934	1.19405	1.21306	1.15719	1.04020	.88316	1.11930	1.17181	.85742	.98631
.900	13.993	1.90688	1.17148	1.21392	1.18274	1.08500	.94181	1.08980	1.14409	.82692	.95540
.900	15.923	1.87786	1.14422	1.20921	1.20086	1.12193	.99267	1.05640	1.11041	.79366	.91948
.900	17.912	1.87469	1.10835	1.19647	1.21187	1.15486	1.04209	1.01355	1.07029	.74967	.87880
	GRADIENT	.00589	.01188	.02352	.03216	.03680	.03834	.01071	.00900	.00756	.00541

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.950	-4.053	2.03607	1.14333	.98017	.77671	.56596	.36743	1.09619	1.16179	.88305	1.02213
.949	-1.984	2.10660	1.17678	1.03632	.84849	.64523	.44619	1.12835	1.19066	.90594	1.04252
.949	-.008	2.07007	1.20351	1.08523	.91286	.71810	.52153	1.15359	1.21104	.92491	1.05466
.951	2.023	2.04860	1.22231	1.12785	.97172	.78720	.59373	1.17028	1.22462	.93585	1.06135
.950	3.944	2.10564	1.23523	1.16297	1.02526	.85078	.66221	1.18117	1.23379	.94064	1.06501
.950	6.031	2.08938	1.24090	1.19226	1.07380	.91246	.72957	1.18132	1.23599	.93400	1.06479
.950	7.948	1.99201	1.24021	1.21375	1.11447	.96558	.79023	1.17707	1.23183	.92473	1.05862
.951	9.957	1.96853	1.23522	1.23103	1.15323	1.02010	.85394	1.16754	1.22079	.91091	1.04261
.950	11.951	1.82302	1.22201	1.23915	1.18569	1.06919	.91486	1.14868	1.19982	.89219	1.01618
.949	13.889	1.89959	1.20264	1.24241	1.21045	1.11087	.96931	1.12297	1.17574	.86382	.99000
.950	15.961	1.95515	1.17371	1.23715	1.22805	1.15021	1.02206	1.08774	1.14133	.82937	.95343
.950	17.916	1.94772	1.14070	1.22475	1.23961	1.18156	1.06930	1.04601	1.10177	.78740	.91317
	GRADIENT	.00406	.01149	.02287	.03103	.03559	.03686	.01061	.00892	.00727	.00525

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (0VR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.976	-2.013	1.94347	1.19408	1.05630	.86967	.67148	.47095	1.15037	1.20522	.92902	1.05675
.979	.038	2.03645	1.22146	1.10771	.93699	.74727	.54997	1.17301	1.22921	.94713	1.07326
.979	1.975	2.07030	1.24076	1.14841	.99391	.81209	.61855	1.19019	1.24378	.95862	1.08201
.979	3.999	2.05086	1.25567	1.18574	1.04875	.87658	.68991	1.20305	1.25481	.96539	1.08654
.981	6.014	2.10355	1.25974	1.21224	1.09447	.93630	.75479	1.20222	1.25387	.95754	1.08317
.980	7.954	2.02127	1.26047	1.23407	1.13469	.98812	.81425	1.19889	1.25067	.95023	1.07674
.980	9.914	1.92413	1.25306	1.24787	1.16875	1.03762	.87275	1.18690	1.23652	.93511	1.05870
.982	12.005	1.93101	1.24072	1.25789	1.20312	1.08910	.93496	1.17012	1.21859	.91511	1.03639
.980	13.912	1.93635	1.22359	1.26239	1.22763	1.13121	.98897	1.14688	1.19631	.89144	1.01024
.980	15.939	1.94520	1.19582	1.25645	1.24469	1.16735	1.03946	1.11182	1.16347	.85538	.97746
.979	17.970	1.96969	1.16013	1.24386	1.25701	1.19855	1.08630	1.06844	1.12529	.81113	.94021
	GRADIENT	.01787	.01022	.02149	.02975	.03406	.03633	.00878	.00818	.00604	.00492

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.049	-4.003	1.89573	1.21071	1.05588	.86238	.66197	.46944	1.16712	1.22609	.96309	1.08942
1.050	-1.958	1.95303	1.24239	1.10984	.93144	.73664	.54473	1.19666	1.25305	.98403	1.10788
1.050	-.003	2.00471	1.26544	1.15392	.99004	.80321	.61342	1.21763	1.27225	.99819	1.12086
1.050	2.027	2.00477	1.28397	1.19417	1.04553	.86806	.68145	1.23472	1.28485	1.00989	1.12740
1.050	4.028	2.01448	1.29586	1.22767	1.09710	.92940	.74670	1.24397	1.29320	1.01237	1.12602
1.050	6.044	2.08477	1.30294	1.25422	1.14067	.98490	.80853	1.24477	1.29672	1.00610	1.13083
1.050	8.002	2.01184	1.30084	1.27436	1.17813	1.03438	.86538	1.24009	1.29197	.99703	1.12394
1.050	10.020	2.03389	1.29274	1.28992	1.21558	1.08635	.92660	1.22875	1.28121	.98164	1.10970
1.050	11.946	1.93586	1.28407	1.29931	1.24441	1.13068	.98168	1.21379	1.26365	.96606	1.08659
1.049	13.924	1.96242	1.26458	1.30147	1.26843	1.17233	1.03383	1.18918	1.23850	.93997	1.05886
1.050	15.950	1.99986	1.23720	1.29748	1.28697	1.20896	1.08416	1.15679	1.20846	.90708	1.02742
1.051	17.949	2.00207	1.20785	1.28690	1.29798	1.23996	1.12849	1.11908	1.17210	.86883	.99092
	GRADIENT	.01442	.01057	.02135	.02911	.03324	.03448	.00957	.00828	.00621	.00463

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.098	-1.979	1.93984	1.27048	1.14229	.96674	.78238	.58808	1.22614	1.28236	1.01661	1.13962
1.101	.040	2.03548	1.29248	1.18510	1.02530	.84229	.65446	1.24593	1.29984	1.02956	1.15074
1.101	2.035	2.06642	1.30808	1.22240	1.07714	.90382	.71892	1.25979	1.31178	1.03750	1.15656
1.099	4.029	2.01599	1.32115	1.25554	1.12629	.96289	.78290	1.27050	1.31977	1.04332	1.15803
1.099	6.084	2.04144	1.32706	1.28188	1.16998	1.01670	.84396	1.27225	1.32228	1.03824	1.15735
1.097	7.996	1.99455	1.32526	1.30021	1.20563	1.06518	.89794	1.26650	1.31679	1.02810	1.14912
1.098	10.037	2.03451	1.31956	1.31575	1.24124	1.11518	.95696	1.25597	1.30542	1.01380	1.13457
1.102	11.854	1.86207	1.30997	1.32511	1.27025	1.15941	1.01028	1.24281	1.29103	.99943	1.11401
1.098	13.940	1.97139	1.29330	1.32862	1.29401	1.19900	1.06219	1.22082	1.26747	.97615	1.08851
1.101	15.878	1.91212	1.26889	1.32476	1.31174	1.23479	1.10994	1.19120	1.23941	.94604	1.05865
1.100	17.905	1.93313	1.24069	1.31776	1.32680	1.26797	1.15787	1.15536	1.20638	.90973	1.02595
1.100	19.879	.30789	1.21131	1.30625	1.33484	1.29465	1.19779	1.13638	1.15569	.91604	.95054
	GRADIENT	.01300	.00837	.01884	.02650	.03012	.03241	.00734	.00621	.00440	.00305

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-3.944	2.00688	1.27866	1.13010	.94188	.74433	.55430	1.23464	1.29459	1.02835	1.15754
1.149	-1.937	2.01399	1.30769	1.17878	1.00343	.81144	.62228	1.26165	1.31888	1.04860	1.17351
1.150	.036	2.02871	1.33014	1.22229	1.06061	.87533	.68624	1.28284	1.33711	1.06098	1.18327
1.150	2.026	2.06033	1.34651	1.25859	1.11151	.93538	.74938	1.29637	1.34789	1.06910	1.18807
1.150	4.020	2.04605	1.35782	1.29076	1.16012	.99290	.81046	1.30532	1.35474	1.07173	1.18830
1.149	6.066	2.04735	1.36267	1.31706	1.20311	1.04769	.87044	1.30590	1.35569	1.06514	1.18711
1.150	7.932	1.98545	1.36197	1.33750	1.24029	1.09643	.92514	1.30084	1.35134	1.05577	1.18088
1.149	9.882	1.89758	1.35716	1.35116	1.27445	1.14415	.98173	1.29247	1.34151	1.04655	1.16594
1.149	11.917	1.87358	1.34533	1.35944	1.30347	1.19004	1.03732	1.27598	1.32356	1.02810	1.14345
1.148	13.894	1.90700	1.32701	1.36226	1.32841	1.22883	1.08866	1.25249	1.30055	1.00509	1.11882
1.150	15.889	1.91221	1.30526	1.35959	1.34576	1.26464	1.13700	1.22582	1.27315	.97895	1.08961
1.150	17.908	1.93465	1.27469	1.34999	1.35736	1.29486	1.18185	1.18827	1.23906	.94193	1.05667
	GRADIENT	.00627	.00991	.02017	.02738	.03123	.03215	.00885	.00751	.00539	.00383

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.197	-1.990	2.04311	1.33692	1.20918	1.03078	.83689	.64111	1.29121	1.34708	1.07333	1.19357
1.199	.070	2.04395	1.35694	1.24935	1.08432	.89893	.70516	1.30935	1.36195	1.08368	1.20225
1.198	2.066	2.05053	1.37486	1.28785	1.13843	.95887	.76823	1.32480	1.37582	1.09296	1.21001
1.198	4.019	2.06599	1.38510	1.31819	1.18586	1.01606	.82895	1.33260	1.38227	1.09610	1.21018
1.198	6.032	2.08807	1.38981	1.34435	1.22799	1.07061	.88888	1.33320	1.38426	1.08926	1.21018
1.201	7.929	2.02582	1.39085	1.36397	1.26450	1.11683	.94220	1.33009	1.38125	1.08043	1.20448
1.197	10.006	1.81744	1.38310	1.37789	1.30021	1.16825	1.00307	1.31841	1.36832	1.06772	1.18793
1.197	11.894	1.85774	1.37101	1.38480	1.32663	1.20872	1.05377	1.30273	1.35130	1.05270	1.16809
1.202	13.907	1.90837	1.35628	1.38846	1.34860	1.24782	1.10335	1.28223	1.33120	1.02941	1.14607
1.199	15.683	1.90826	1.33463	1.38778	1.36928	1.28673	1.15446	1.25551	1.30593	1.00352	1.12013
1.198	17.907	1.90941	1.30519	1.37924	1.38410	1.31756	1.19969	1.21898	1.27210	.96674	1.08713
	GRADIENT	.00374	.00812	.01826	.02594	.02984	.03129	.00699	.00597	.00388	.00289

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	-1.965	1.97817	1.39094	1.26128	1.07915	.88185	.68255	1.33851	1.40534	1.10539	1.24942
1.298	.020	2.02979	1.41382	1.30491	1.13727	.94535	.74633	1.36004	1.41966	1.12062	1.25592
1.299	1.979	2.06454	1.42721	1.33835	1.18486	1.00074	.80409	1.37214	1.43049	1.12694	1.25916
1.299	4.006	2.04174	1.43379	1.36817	1.23337	1.06012	.86787	1.37701	1.43280	1.12927	1.25801
1.301	6.040	2.10263	1.44174	1.39478	1.27670	1.11375	.92691	1.38134	1.43789	1.12453	1.25711
1.299	7.952	2.02213	1.44006	1.41364	1.31455	1.16508	.98512	1.37784	1.43104	1.12177	1.24854
1.299	9.998	2.00536	1.43448	1.42928	1.34995	1.21330	1.04174	1.36850	1.41836	1.11281	1.23112
1.301	11.905	1.88984	1.42683	1.44083	1.37986	1.25627	1.09338	1.35927	1.40326	1.10428	1.20862
1.301	13.902	1.92981	1.40728	1.44144	1.40147	1.29819	1.14890	1.33443	1.37913	1.08188	1.18676
1.300	15.964	1.95750	1.38603	1.43980	1.42144	1.33378	1.19651	1.30857	1.35200	1.05589	1.15658
1.299	17.930	1.96522	1.36031	1.42982	1.43093	1.36190	1.23921	1.27489	1.32069	1.02304	1.12925
	GRADIENT	.01129	.00713	.01781	.02567	.02970	.03088	.00641	.00468	.00392	.00146

OA232 AEDC 16T TF431 LA .2P/S RA .2A (GVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.399	-3.951	1.92708	1.41047	1.25893	1.05896	.85036	.64492	1.36497	1.41835	1.12984	1.24902
1.399	-2.062	1.98129	1.43631	1.30202	1.11363	.90746	.70016	1.38605	1.44478	1.14191	1.26975
1.399	-.026	1.97470	1.45546	1.34252	1.16719	.96740	.76046	1.40241	1.45907	1.15240	1.27903
1.399	2.010	1.98051	1.46927	1.37681	1.21641	1.02590	.82198	1.41411	1.47117	1.15747	1.28684
1.401	4.008	2.00170	1.48433	1.41410	1.26885	1.08524	.88311	1.42584	1.48138	1.16274	1.29276
1.400	6.040	2.10302	1.48646	1.43835	1.31404	1.14286	.94706	1.42368	1.47830	1.15339	1.28829
1.400	8.038	2.10702	1.48569	1.45813	1.35177	1.19271	1.00400	1.41972	1.47327	1.14704	1.27912
1.400	10.115	1.94794	1.47576	1.46794	1.38022	1.23761	1.05895	1.40985	1.45638	1.14119	1.25471
1.401	11.977	1.97140	1.46809	1.47895	1.41118	1.27947	1.10863	1.39829	1.44472	1.12987	1.24000
1.399	13.972	2.00552	1.45225	1.48233	1.43666	1.32128	1.16164	1.37755	1.42398	1.10883	1.21953
1.400	15.995	2.01067	1.43153	1.48316	1.45929	1.36220	1.21337	1.35043	1.39803	1.08068	1.19315
1.399	18.010	2.02016	1.41080	1.48173	1.47651	1.39718	1.26176	1.32330	1.37207	1.05395	1.16763
	GRADIENT	.00737	.00902	.01925	.02613	.02942	.02993	.00748	.00761	.00406	.00521

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.550	-3.884	1.77379	1.46123	1.30380	1.09662	.87789	.66772	1.41320	1.46884	1.16966	1.28770
1.550	-1.889	1.84667	1.48329	1.34496	1.15056	.93699	.72823	1.43148	1.48772	1.18046	1.30033
1.550	.100	1.85984	1.50681	1.38656	1.20360	.99416	.78388	1.45120	1.50744	1.19009	1.31248
1.550	2.143	1.86100	1.52222	1.42472	1.25556	1.05324	.84092	1.46436	1.51874	1.19638	1.31664
1.550	4.161	1.87869	1.53157	1.45310	1.30140	1.10891	.90107	1.46959	1.52238	1.19625	1.31650
1.550	6.194	1.95135	1.53600	1.47984	1.34582	1.16253	.95954	1.47382	1.52493	1.19403	1.31880
1.550	8.107	2.01912	1.53546	1.49976	1.38251	1.21044	1.01293	1.46517	1.52372	1.18176	1.31702
1.550	10.075	1.93643	1.52899	1.51744	1.42099	1.26539	1.07591	1.45567	1.51062	1.17092	1.30149
1.549	11.895	1.99044	1.52291	1.52879	1.45179	1.31071	1.12935	1.44624	1.49941	1.16015	1.28755
1.550	13.923	2.04652	1.50857	1.53438	1.47976	1.35397	1.18425	1.42706	1.48071	1.14121	1.26822
1.549	15.882	2.09257	1.49121	1.54078	1.50736	1.39797	1.23959	1.40397	1.45764	1.11799	1.24664
1.549	17.875	2.09671	1.45525	1.52210	1.51114	1.42588	1.28518	1.36301	1.41841	1.08166	1.21034
	GRADIENT	.01111	.00892	.01880	.02557	.02874	.02879	.00723	.00686	.00343	.00367

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (GVR013) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.700	-1.945	-.21587	1.05801	.90542	.70133	.48877	.27921	1.03464	1.04801	.83953	.85290
.701	.002	-.17182	1.08692	.95885	.77188	.56945	.36264	1.05906	1.07283	.85507	.87422
.702	2.035	-.12579	1.10933	1.00739	.83960	.64815	.44619	1.07739	1.09075	.86379	.88787
.702	4.113	-.08251	1.12387	1.04955	.90319	.72867	.52760	1.08743	1.10367	.86563	.89588
.703	6.181	-.03740	1.13048	1.08383	.95993	.79435	.60602	1.09082	1.10457	.86163	.89305
	GRADIENT	.02207	.01086	.02378	.03330	.03950	.04100	.00872	.00913	.00428	.00703

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.200	-1.708	.10331	.92220	.76647	.55184	.35052	.16439	.89819	.91767	.68949	.75275
.200	.137	.10451	.95509	.82406	.63877	.44093	.25174	.93123	.95274	.73031	.77599
.200	2.134	.10608	.98481	.88104	.71176	.52770	.33072	.95862	.97377	.74977	.78496
.200	4.213	.10742	.99837	.92305	.77380	.60337	.41793	.97227	.98090	.75341	.78416
.200	6.138	.10875	1.00469	.95963	.83421	.67686	.48946	.97214	.98077	.74703	.77775
.201	8.137	.11107	.99814	.97919	.88297	.74034	.56589	.95535	.97025	.73302	.76973
.201	10.165	.11210	.99814	1.00475	.93190	.80837	.64024	.95320	.96385	.72437	.75684
.202	12.171	.11333	.97671	1.01283	.96594	.86038	.70641	.92161	.93850	.68638	.73121
.203	14.189	.11512	.95592	1.00851	.98922	.90336	.76321	.88661	.90546	.64286	.69148
.203	16.176	.11651	.90247	.99038	.99622	.93568	.81059	.82712	.85008	.58212	.64097
	GRADIENT	.00070	.01300	.02659	.03729	.04271	.04246	.01257	.01057	.01057	.00515

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.396	-1.917	.07926	.95840	.80081	.59294	.39016	.18978	.93210	.95345	.73787	.77753
.397	.032	.07939	.99234	.86154	.67360	.47894	.27844	.96499	.98151	.76465	.79587
.397	1.999	.07942	1.01320	.91190	.74279	.55874	.35942	.98938	1.00118	.78073	.80726
.397	4.009	.07838	1.03214	.95690	.81033	.63707	.44505	1.00127	1.01070	.78811	.80873
.397	6.022	.07849	1.03944	.99138	.86736	.70728	.52022	1.00273	1.01215	.78396	.80690
.398	8.027	.07906	1.03961	1.01984	.91951	.77495	.59762	.99943	1.00530	.77162	.79568
.398	10.028	.07938	1.03153	1.03645	.95735	.83056	.66282	.98318	.99140	.75329	.77849
.397	12.033	.07921	1.00992	1.04194	.99205	.88373	.72611	.95790	.96850	.72268	.75264
.397	14.026	.07911	.98442	1.04243	1.01604	.92880	.78632	.92173	.93823	.68507	.71857
.397	16.049	.08105	.94571	1.03076	1.03267	.96671	.83969	.87131	.89133	.63023	.67661
	GRADIENT	-.00013	.01225	.02625	.03652	.04155	.04288	.01173	.00968	.00843	.00530

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.598	-2.039	-.04092	1.01460	.85312	.64586	.43194	.22011	.98593	1.00759	.78453	.82048
.600	.111	-.04529	1.05064	.91926	.73193	.52820	.31982	1.02056	1.03751	.81221	.84032
.600	2.039	-.04698	1.07178	.96688	.79940	.60626	.40025	1.04072	1.05353	.82751	.84890
.600	3.993	-.04908	1.08696	1.00924	.86003	.67998	.48033	1.05275	1.06353	.83505	.85235
.600	6.000	-.04848	1.09558	1.04502	.91959	.75232	.56072	1.05762	1.06740	.83341	.84974
.601	8.000	-.04855	1.09131	1.06733	.96642	.81574	.63266	1.04796	1.05716	.81966	.83638
.600	10.064	-.04538	1.08398	1.08572	1.00857	.87468	.70305	1.03317	1.04292	.79956	.81944
.599	12.040	-.04187	1.07047	1.09499	1.04204	.92447	.76545	1.01334	1.02517	.77466	.79766
.599	14.029	-.03714	1.04367	1.09351	1.06597	.96972	.82378	.97778	.99218	.73523	.76335
.599	16.077	-.03416	1.00720	1.08347	1.08180	1.00982	.87983	.93297	.94995	.68770	.72201
	GRADIENT	-.00131	.01195	.02582	.03551	.04110	.04304	.01107	.00923	.00838	.00524

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.700	-2.042	-.00816	1.04598	.89291	.68644	.47251	.26276	1.02262	1.04162	.82167	.85490
.700	.148	-.00991	1.08483	.95667	.77097	.56793	.35795	1.05571	1.07057	.84828	.87366
.702	2.066	-.01194	1.10773	1.00512	.83774	.64530	.43938	1.07623	1.08898	.86377	.88579
.701	3.979	-.01170	1.12118	1.04439	.89653	.71288	.51493	1.08758	1.09664	.86987	.88740
.701	5.966	-.01104	1.12875	1.07828	.95253	.78562	.59245	1.09100	1.09924	.86733	.88405
.700	8.031	-.01014	1.12951	1.10338	1.00074	.84997	.66639	1.08960	1.09508	.85669	.87586
.701	10.046	-.00879	1.12035	1.11936	1.03937	.90550	.73266	1.07150	1.07974	.83769	.85808
.699	12.047	-.00423	1.10511	1.12888	1.07352	.95678	.79730	1.04836	1.05950	.81011	.83546
.698	14.050	-.00098	1.07930	1.12683	1.09814	1.00068	.85447	1.01523	1.02847	.77325	.80409
.696	16.054	.00175	1.04599	1.11976	1.11596	1.04037	.90932	.97267	.99053	.72794	.76543
	GRADIENT	-.00064	.01251	.02523	.03494	.04001	.04196	.01084	.00924	.00807	.00554

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

PARAMETRIC DATA

BETA = .000 PHI = .000

REFERENCE DATA

SREF	=	2690.0000	SQ.FT.	XMRP	= 1076.6800 IN. XO
LREF	=	474.8100	INCHES	YMRP	= .0000 IN. YO
BREF	=	936.6800	INCHES	ZMRP	= 375.0000 IN. ZO
SCALE	=	.1000			

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.798	-1.998	.03057	1.09993	.94837	.74786	.53558	.32684	1.07324	1.09133	.87340	.90362
.800	.022	.03419	1.12970	1.00347	.82036	.61892	.41306	1.09993	1.11556	.89352	.91919
.800	1.984	.03678	1.15001	1.04911	.88430	.69146	.48935	1.11884	1.13030	.90710	.92758
.800	3.965	.03853	1.16295	1.08846	.94308	.76344	.56410	1.12968	1.13872	.91237	.92973
.800	5.997	.04188	1.16995	1.12085	.99669	.83133	.63901	1.13322	1.14051	.90971	.92532
.800	7.982	.04455	1.16894	1.14347	1.04115	.89068	.70735	1.12698	1.13498	.89855	.91625
.800	10.011	.04803	1.16211	1.16132	1.08192	.94846	.77625	1.11355	1.12258	.87990	.90245
.800	11.995	.05201	1.14729	1.16839	1.11301	.99529	.83504	1.09218	1.10225	.85494	.87953
.799	13.998	.05841	1.12603	1.17046	1.13900	1.03918	.89365	1.06214	1.07640	.82319	.85335
.799	16.024	.06224	1.09387	1.16339	1.15764	1.08139	.94937	1.02087	1.04046	.77851	.81720
	GRADIENT	.00133	.01056	.02348	.03273	.03809	.03970	.00949	.00791	.00658	.00437

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.850	-1.977	-.01089	1.12553	.97787	.78109	.57113	.36741	1.09811	1.11591	.89962	.93166
.850	-.062	-.01061	1.15210	1.02811	.84784	.64700	.44528	1.12372	1.13730	.91942	.94468
.849	1.935	-.01186	1.17434	1.07481	.91177	.72167	.52132	1.14332	1.15401	.93323	.95336
.850	3.949	-.00934	1.18657	1.11276	.96907	.79255	.59418	1.15366	1.16174	.93843	.95432
.850	5.957	-.00837	1.19421	1.14400	1.02161	.85703	.66705	1.15709	1.16420	.93600	.95190
.850	7.985	-.00845	1.19134	1.16767	1.06730	.91800	.73621	1.14971	1.15876	.92456	.94334
.850	10.024	-.00681	1.18651	1.18451	1.10583	.97243	.80141	1.13845	1.14717	.90762	.92897
.850	11.988	-.00447	1.17162	1.19189	1.13749	1.01941	.86022	1.11684	1.12717	.88148	.90697
.849	14.000	-.00281	1.14953	1.19316	1.16226	1.06529	.91841	1.08694	1.10084	.85020	.88056
.850	16.025	-.00027	1.11875	1.18718	1.18115	1.10358	.97299	1.04775	1.06560	.80880	.84574
	GRADIENT	.00017	.01037	.02281	.03174	.03736	.03824	.00940	.00778	.00657	.00386

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.900	-1.980	.07470	1.15631	1.00937	.81551	.60990	.40864	1.12712	1.14509	.93005	.96181
.901	-.001	.07249	1.18093	1.06019	.88288	.66658	.48704	1.15181	1.16609	.94972	.97412
.900	1.973	.07069	1.20188	1.10178	.94249	.75579	.56012	1.16889	1.17980	.96094	.98075
.900	3.975	.10464	1.21414	1.14156	1.00092	.82451	.63088	1.18128	1.18951	.96797	.98454
.900	5.969	.07693	1.21812	1.17026	1.04889	.88692	.69832	1.18315	1.19015	.96483	.97986
.900	7.987	.07942	1.21599	1.19313	1.09347	.94566	.76578	1.17589	1.18471	.95324	.97129
.900	9.981	.11112	1.21173	1.20864	1.13012	.99789	.82775	1.16393	1.17307	.93543	.95746
.899	11.999	.10889	1.19776	1.21632	1.16123	1.04508	.88736	1.14415	1.15452	.91220	.93696
.900	13.996	.07874	1.17762	1.21903	1.18650	1.08898	.94350	1.11702	1.13012	.88212	.91111
.900	16.018	.07892	1.14844	1.21409	1.20566	1.12904	.99821	1.07796	1.09620	.84184	.87712
.900	18.047	.07420	1.11011	1.19833	1.21576	1.16007	1.04619	1.03075	1.05266	.79268	.83616
	GRADIENT	.00445	.00980	.02208	.03104	.03594	.03729	.00905	.00740	.00630	.00377

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.949	-1.982	.05388	1.18195	1.03991	.85009	.64773	.44921	1.15538	1.17302	.96362	.99237
.948	-.011	.07757	1.20634	1.08673	.91233	.71814	.52175	1.17800	1.19161	.97936	1.00295
.950	1.936	.02827	1.22671	1.13061	.97266	.78809	.59528	1.19789	1.20827	.99472	1.01191
.949	3.980	.08601	1.23921	1.16667	1.02810	.85481	.66606	1.20717	1.21584	.99879	1.01340
.950	5.987	.08375	1.24526	1.19758	1.07867	.91754	.73232	1.21005	1.21698	.99537	1.01026
.950	7.949	.08474	1.24557	1.21984	1.11995	.97351	.79605	1.20573	1.21353	.98667	1.00272
.949	10.002	.08931	1.23891	1.23542	1.15804	1.02573	.85864	1.19299	1.20108	.96871	.98879
.947	12.001	.07577	1.22515	1.24251	1.18638	1.07114	.91470	1.17248	1.18203	.94541	.96725
.951	14.039	.01313	1.20636	1.24583	1.21330	1.11732	.97343	1.14643	1.15911	.91640	.94331
.950	15.942	.03737	1.17815	1.24039	1.23005	1.15254	1.02252	1.11018	1.12574	.87881	.91202
.952	18.019	.00882	1.14016	1.22610	1.24143	1.18606	1.07266	1.06349	1.08310	.83054	.87095
	GRADIENT	.00246	.00967	.02137	.02996	.03484	.03650	.00882	.00730	.00608	.00362

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.980	-2.081	.00937	1.20248	1.05888	.86934	.66872	.47146	1.17378	1.19248	.98173	1.01121
.980	.046	.03264	1.22555	1.11034	.93705	.74519	.55027	1.19891	1.21310	1.00078	1.02349
.980	2.007	.03323	1.24312	1.15014	.99371	.81201	.62082	1.21339	1.22592	1.01060	1.03028
.980	3.910	.03541	1.25638	1.18585	1.04667	.87488	.68827	1.22490	1.23411	1.01659	1.03156
.979	5.939	.03090	1.26278	1.21583	1.09671	.93721	.75592	1.22828	1.23664	1.01528	1.02883
.980	7.962	.03477	1.26232	1.23830	1.13936	.99367	.81895	1.22311	1.23062	1.00526	1.01963
.980	9.950	.00029	1.25498	1.25273	1.17445	1.04411	.87946	1.21046	1.21881	.98792	1.00533
.980	12.006	.00981	1.24414	1.26285	1.20707	1.09244	.93810	1.19200	1.20286	.96767	.98761
.980	13.993	-.01562	1.22281	1.26267	1.22961	1.13364	.99218	1.16519	1.17741	.93720	.96070
.980	16.016	-.02645	1.19651	1.25978	1.24960	1.17283	1.04456	1.13135	1.14579	.90203	.92940
.980	18.015	.01322	1.16101	1.24708	1.26028	1.20415	1.09217	1.08777	1.10742	.85581	.89330
	GRADIENT	.00401	.00901	.02114	.02955	.03439	.03617	.00845	.00694	.00577	.00343

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.050	-1.963	-.03566	1.24797	1.11590	.93398	.74120	.55079	1.22288	1.23943	1.03561	1.06360
1.049	-.011	-.05021	1.26965	1.15922	.99237	.80666	.61828	1.24396	1.25697	1.05218	1.07277
1.049	1.940	-.05442	1.28827	1.19877	1.04770	.87090	.68400	1.26017	1.27112	1.06391	1.07980
1.050	3.965	-.02538	1.29918	1.23264	1.09922	.93329	.75043	1.26845	1.27761	1.06643	1.08112
1.049	5.981	-.01991	1.30433	1.26030	1.14633	.99148	.81464	1.27118	1.27857	1.06387	1.07709
1.050	7.988	-.03590	1.30370	1.28082	1.18516	1.04454	.87545	1.26616	1.27295	1.05362	1.06829
1.050	10.014	-.02505	1.29820	1.29608	1.21917	1.09349	.93343	1.25476	1.26272	1.03827	1.05468
1.049	12.002	-.00521	1.28795	1.30541	1.25010	1.13918	.98822	1.23826	1.24800	1.01871	1.03838
1.049	13.994	-.00335	1.26754	1.30547	1.27239	1.17743	1.03857	1.21129	1.22399	.98870	1.01428
1.049	16.017	-.06232	1.24045	1.30096	1.28983	1.21410	1.08966	1.17821	1.19238	.95516	.98132
1.050	17.994	-.05396	1.20930	1.29093	1.30208	1.24503	1.13538	1.13989	1.15673	.91440	.94677
	GRADIENT	.00139	.00872	.01974	.02792	.03245	.03368	.00774	.00651	.00527	.00301

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.100	-1.895	.04138	1.27938	1.15026	.97303	.78322	.59877	1.25438	1.27244	1.06999	1.09955
1.100	-.033	-.02159	1.30090	1.19301	1.02908	.84748	.66335	1.27479	1.28918	1.08532	1.10953
1.100	1.941	-.02636	1.31878	1.23099	1.08292	.90958	.72664	1.28986	1.30172	1.09565	1.11450
1.101	4.017	.03931	1.32967	1.26510	1.13409	.97050	.78971	1.29965	1.30840	1.09970	1.11402
1.100	6.001	.03728	1.33506	1.29079	1.17837	1.02602	.85111	1.30193	1.30927	1.09742	1.11118
1.100	8.012	.02959	1.33477	1.31223	1.21786	1.07793	.91063	1.29770	1.30475	1.08756	1.10328
1.100	10.034	.02124	1.32902	1.32594	1.25075	1.12575	.96690	1.28545	1.29476	1.07136	1.09017
1.099	12.005	-.03848	1.31691	1.33387	1.27922	1.16881	1.02055	1.26878	1.27894	1.05171	1.07193
1.100	13.998	-.01951	1.29840	1.33511	1.30081	1.20567	1.06847	1.24323	1.25535	1.02400	1.04955
1.101	16.034	.02804	1.27396	1.33209	1.31953	1.24248	1.11803	1.21202	1.22751	.99067	1.02097
1.100	18.066	.03915	1.24218	1.32098	1.32959	1.27337	1.16346	1.17253	1.19141	.94926	.98718
	GRADIENT	-.00020	.00853	.01937	.02722	.03163	.03225	.00762	.00608	.00501	.00242

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-1.882	.03755	1.31126	1.18400	1.00652	.81506	.62914	1.28568	1.30368	1.09698	1.12709
1.151	.029	.05607	1.33348	1.22537	1.06122	.87425	.69087	1.30627	1.32150	1.11208	1.13666
1.149	2.084	.03604	1.35026	1.26413	1.11603	.94064	.75666	1.32134	1.33355	1.12208	1.14118
1.149	3.966	.03535	1.36075	1.29518	1.16185	.99654	.81378	1.32936	1.33936	1.12524	1.14157
1.149	6.005	.03669	1.36433	1.32123	1.20710	1.05189	.87427	1.32993	1.33853	1.11990	1.13648
1.150	8.013	.05529	1.36429	1.34113	1.24504	1.10375	.93315	1.32604	1.33547	1.11201	1.12830
1.150	10.051	.02544	1.35877	1.35524	1.27793	1.15016	.98783	1.31470	1.32385	1.09623	1.11582
1.150	12.043	.04822	1.34709	1.36345	1.30582	1.19306	1.04106	1.29835	1.30942	1.07783	1.09960
1.149	14.054	.04297	1.33095	1.36611	1.33002	1.23241	1.09166	1.27471	1.28882	1.05052	1.08029
1.149	16.042	03648	1.30690	1.36310	1.34774	1.26860	1.14077	1.24481	1.26058	1.02107	1.05221
1.150	18.083	.05195	1.27552	1.35267	1.36026	1.29944	1.18636	1.20600	1.22533	.98248	1.01854
	GRADIENT	-.00140	.00843	.01900	.02658	.03117	.03162	.00746	.00608	.00484	.00245

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.199	-1.899	.05515	1.33988	1.21214	1.03364	.84005	.65000	1.31395	1.33057	1.12111	1.14803
1.200	.031	.05866	1.36019	1.25235	1.08684	.90032	.71135	1.33326	1.34740	1.13418	1.15670
1.201	1.923	.05297	1.37775	1.28971	1.13902	.95874	.77115	1.34820	1.36015	1.14395	1.16190
1.200	3.944	.05186	1.38784	1.32153	1.18751	1.01678	.83276	1.35578	1.36559	1.14619	1.16276
1.201	5.950	.05340	1.39306	1.34863	1.23119	1.07317	.89072	1.35823	1.36670	1.14392	1.15915
1.199	8.010	.06385	1.39164	1.36779	1.26942	1.12413	.94972	1.35238	1.36114	1.13356	1.15044
1.199	10.011	.07706	1.38700	1.38275	1.30487	1.17226	1.00649	1.34235	1.35246	1.12028	1.13957
1.200	12.066	.07659	1.37581	1.39108	1.33266	1.21695	1.06033	1.32614	1.33729	1.10119	1.12502
1.200	14.048	.07415	1.36057	1.39397	1.35508	1.25486	1.11023	1.30442	1.31799	1.07663	1.10556
1.200	16.006	.05178	1.33689	1.39053	1.37279	1.28946	1.15770	1.27403	1.29055	1.04680	1.07892
1.200	18.059	.05698	1.31033	1.38495	1.38777	1.32239	1.20434	1.24081	1.25999	1.01289	1.04979
	GRADIENT	-.00080	.00830	.01881	.02645	.03030	.03131	.00721	.00605	.00431	.00253

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.219	-1.949	.03305	1.35648	1.22848	1.04746	.85032	.65169	1.33003	1.34746	1.13116	1.16151
1.220	.000	.03524	1.37804	1.26982	1.10231	.91306	.71494	1.34952	1.36460	1.14521	1.17027
1.220	1.906	.04213	1.39188	1.30404	1.15125	.96992	.77497	1.36099	1.37401	1.15157	1.17398
1.219	3.926	.04444	1.40019	1.33377	1.19778	1.02679	.83690	1.36669	1.37822	1.15349	1.17351
1.220	5.932	.04848	1.40547	1.36158	1.24380	1.08401	.89888	1.36909	1.37942	1.15095	1.17005
1.220	7.974	.05153	1.40211	1.37859	1.28068	1.13462	.95941	1.36224	1.37315	1.14024	1.16049
1.220	9.977	.06595	1.39553	1.39262	1.31250	1.18138	1.01468	1.35102	1.36161	1.12615	1.14723
1.219	12.006	.06980	1.38363	1.39870	1.33828	1.22157	1.06517	1.33358	1.34504	1.10876	1.13100
1.220	13.988	.06685	1.37005	1.40214	1.36256	1.26106	1.11513	1.31373	1.32431	1.08670	1.11011
1.220	16.019	.06078	1.34617	1.40010	1.38256	1.29829	1.16540	1.28445	1.29769	1.05594	1.08289
1.218	17.980	.05924	1.31826	1.39264	1.39544	1.33138	1.21242	1.24904	1.26789	1.02046	1.05627
	GRADIENT	.00210	.00741	.01791	.02559	.03001	.03152	.00621	.00520	.00375	.00202

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.240	-2.005	.03607	1.36230	1.23422	1.05382	.85832	.65989	1.33491	1.35396	1.13621	1.16955
1.239	.029	.04522	1.38342	1.27622	1.10984	.92139	.72448	1.35467	1.36987	1.14899	1.17639
1.240	1.967	.04874	1.39577	1.30907	1.15833	.97755	.78477	1.36547	1.37808	1.15598	1.17907
1.239	4.034	.04755	1.40653	1.34183	1.20752	1.03687	.84769	1.37404	1.38406	1.16073	1.18010
1.240	5.980	.04966	1.41131	1.36700	1.24938	1.08845	.90461	1.37448	1.38624	1.15570	1.17708
1.240	7.979	.05070	1.41355	1.39016	1.29010	1.14303	.96490	1.37184	1.38328	1.14685	1.17052
1.240	10.012	.06103	1.40702	1.40297	1.32329	1.18878	1.02007	1.35896	1.37388	1.13121	1.16008
1.240	11.996	.06236	1.39682	1.41149	1.35051	1.23121	1.07272	1.34437	1.35929	1.11372	1.14462
1.240	14.012	.05779	1.37878	1.41303	1.37427	1.27131	1.12419	1.32221	1.33683	1.08802	1.12212
1.239	16.012	.04936	1.35524	1.41027	1.39227	1.30682	1.17249	1.28927	1.30857	1.06055	1.09581
1.240	18.026	.04581	1.32416	1.39907	1.40418	1.33893	1.21866	1.25496	1.27395	1.02718	1.06299
	GRADIENT	.00189	.00723	.01773	.02541	.02951	.03110	.00639	.00491	.00401	.00171

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	-1.990	.01709	1.39477	1.26168	1.07804	.87991	.67644	1.36294	1.38637	1.15693	1.20089
1.299	.002	.01829	1.41472	1.30355	1.13483	.94353	.74226	1.38113	1.40109	1.17006	1.20797
1.300	1.989	.01816	1.42776	1.33804	1.18381	1.00035	.80203	1.39330	1.40950	1.17705	1.21006
1.300	3.995	.01773	1.43624	1.36700	1.22850	1.05454	.86057	1.39929	1.41487	1.17763	1.21024
1.300	6.004	.02124	1.44275	1.39571	1.27474	1.11050	.92135	1.40174	1.41733	1.17419	1.20884
1.300	8.026	.02127	1.44223	1.41506	1.31178	1.16141	.97915	1.39825	1.41242	1.16711	1.20037
1.300	9.976	.02760	1.43739	1.42845	1.34510	1.20712	1.03379	1.38848	1.40324	1.15499	1.18969
1.300	12.011	.02962	1.43089	1.44304	1.37916	1.25554	1.09000	1.37540	1.39157	1.13882	1.17663
1.300	14.019	.02447	1.41020	1.44197	1.40181	1.29563	1.14353	1.34872	1.36690	1.11038	1.15448
1.299	15.969	.01963	1.38601	1.43766	1.41685	1.32834	1.18935	1.31854	1.34045	1.08215	1.13110
1.300	18.050	.01941	1.35718	1.43082	1.43221	1.36352	1.23853	1.28156	1.30782	1.04439	1.09913
	GRADIENT	.00009	.00689	.01757	.02509	.02912	.03070	.00608	.00471	.00346	.00151

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.399	-1.995	-.04436	1.44086	1.30542	1.11590	.90834	.69921	1.41249	1.42767	1.20078	1.22430
1.400	.022	-.03206	1.46489	1.34911	1.17216	.97265	.76302	1.43427	1.44456	1.21145	1.23237
1.400	1.962	-.04248	1.48305	1.38782	1.22449	1.03117	.82373	1.45013	1.45842	1.22060	1.23926
1.399	3.977	-.03960	1.49398	1.42204	1.27695	1.09464	.88930	1.45782	1.46585	1.22460	1.24072
1.400	5.952	-.04234	1.50460	1.44789	1.31773	1.14466	.94658	1.46616	1.47218	1.22500	1.23969
1.400	7.986	-.03715	1.50029	1.47053	1.36388	1.20316	1.01086	1.45412	1.46644	1.20874	1.23543
1.400	9.965	-.03193	1.49355	1.48356	1.39327	1.24606	1.06213	1.44224	1.45513	1.19465	1.22334
1.400	11.982	-.02774	1.48371	1.49234	1.42126	1.29015	1.11577	1.42813	1.44044	1.17811	1.21019
1.400	13.992	-.03162	1.46714	1.49554	1.44563	1.33110	1.16814	1.40555	1.42015	1.15520	1.18871
1.400	15.951	-.03524	1.44593	1.49522	1.46794	1.37118	1.21972	1.37949	1.39179	1.13038	1.16243
1.400	17.977	-.03305	1.41897	1.48858	1.48249	1.40292	1.26611	1.34911	1.36171	1.10182	1.13699
	GRADIENT	.00021	.00895	.01960	.02701	.03115	.03183	.00766	.00647	.00406	.00283

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.550	-1.859	-.13798	1.48308	1.34476	1.15003	.93947	.72749	1.45403	1.46571	1.22954	1.24815
1.550	.031	-.13614	1.50613	1.38548	1.20001	.99140	.77822	1.47287	1.48554	1.23953	1.25915
1.550	2.052	-.13690	1.51845	1.42064	1.25111	1.05078	.83698	1.48351	1.49367	1.24662	1.26249
1.551	4.093	-.13171	1.52773	1.45164	1.29918	1.10995	.89937	1.49063	1.49824	1.24746	1.26236
1.550	6.060	-.12907	1.53520	1.48171	1.34529	1.16491	.95814	1.49435	1.50226	1.24650	1.26137
1.550	8.088	-.12448	1.53618	1.50330	1.38693	1.21937	1.02042	1.49158	1.49822	1.23987	1.25831
1.550	10.082	-.11705	1.53002	1.51645	1.41938	1.26705	1.07734	1.48165	1.48797	1.22751	1.24708
1.550	12.062	-.11310	1.52585	1.53157	1.45492	1.31436	1.13163	1.47011	1.48056	1.21589	1.23612
1.550	14.095	-.11200	1.52040	1.54767	1.49060	1.36165	1.18576	1.46018	1.46969	1.20356	1.22760
1.549	16.084	-.11012	1.49133	1.53957	1.50749	1.40156	1.24229	1.45516	1.43771	1.16721	1.19537
	GRADIENT	.00091	.00733	.01787	.02507	.02872	.02891	.00603	.00529	.00304	.00229

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OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.201	-1.827	2.02960	.92548	.75731	.54821	.34583	.15413	.86776	.93380	.64112	.79703
.201	.217	2.05269	.96308	.82692	.64127	.44958	.24730	.90324	.97139	.67236	.83038
.203	2.133	2.06119	.97116	.87060	.70237	.52402	.33105	.92478	.98353	.68681	.83411
.204	4.121	2.04341	.99260	.92018	.77252	.60452	.41586	.94053	.99860	.69697	.84052
.203	6.092	1.96772	.99816	.95235	.83275	.67174	.48992	.93731	1.00213	.68341	.83857
.204	7.842	1.84828	.99448	.97392	.87588	.73256	.55821	.93611	.99634	.67562	.82766
.200	9.797	1.66435	1.00359	1.00596	.93242	.80126	.63583	.92812	.97972	.66495	.80943
.200	11.702	1.75393	.97795	1.00838	.95401	.84616	.69315	.90224	.95617	.63825	.77671
.201	13.722	1.80566	.97953	.99871	.97472	.88694	.74792	.86124	.91263	.59070	.72596
.201	15.703	1.84058	.98739	.99090	.99687	.93282	.80488	.81752	.86876	.55419	.68264
	GRADIENT	.00255	.01063	.02696	.03718	.04307	.04398	.01215	.01048	.00923	.00683

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.397	-1.949	2.07008	.95335	.79804	.59396	.39140	.19241	.90722	.97435	.68025	.83141
.398	.036	2.05583	.98612	.85575	.67195	.47676	.28045	.93770	1.00002	.70398	.84906
.398	2.027	2.08019	1.01398	.91210	.74631	.56097	.36515	.95980	1.01963	.72194	.86198
.398	4.034	2.07320	1.02776	.95298	.80615	.63161	.44193	.97132	1.02989	.72674	.86543
.398	6.021	2.09153	1.03127	.98578	.86233	.70299	.52032	.97481	1.03222	.71848	.86421
.399	7.888	1.93939	1.03658	1.01458	.91355	.76734	.58967	.97203	1.02701	.70913	.85461
.399	9.869	1.87584	1.02559	1.02932	.95166	.82180	.65699	.95400	1.01250	.69341	.83306
.399	11.854	1.85206	1.00965	1.03796	.98721	.87606	.72295	.93222	.98838	.66930	.80544
.399	13.871	1.87767	.98203	1.03738	1.01233	.92332	.78294	.89638	.94909	.62972	.76129
.399	15.864	1.89269	.94198	1.02527	1.02717	.96049	.83434	.85170	.90551	.58776	.71329
.398	17.907	1.91437	.89720	1.00541	1.03666	.99441	.88429	.79725	.85476	.53253	.66077
	GRADIENT	.00169	.01258	.02613	.03564	.04035	.04178	.01075	.00933	.00789	.00576

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.600	-1.921	1.96689	1.01101	.85502	.65075	.43881	.23567	.95914	1.02728	.72617	.87720
.600	.057	1.97003	1.04360	.91464	.72812	.52413	.32325	.99024	1.05369	.75178	.89444
.601	2.070	1.96307	1.06748	.96352	.79847	.60620	.40723	1.01114	1.07087	.76485	.90366
.600	4.093	1.98050	1.08266	1.00472	.85924	.67817	.48520	1.02146	1.07934	.77014	.90738
.602	6.111	2.02001	1.08969	1.03830	.91389	.74936	.56316	1.02662	1.08278	.76626	.90463
.601	8.014	2.01798	1.08474	1.06074	.95822	.80693	.62837	1.01769	1.07475	.75281	.89650
.601	10.027	1.88551	1.07938	1.07905	1.00201	.86779	.70000	1.00541	1.06213	.74278	.87455
.601	11.881	1.93529	1.06409	1.08899	1.03531	.91891	.76182	.98462	1.03965	.71800	.84789
.600	13.852	1.98140	1.04054	1.08932	1.06076	.96559	.81973	.95556	1.00822	.68631	.81103
.599	15.888	1.99601	1.00444	1.08014	1.07795	1.00291	.87456	.91215	.96637	.64176	.76702
.600	17.886	2.01532	.96079	1.06106	1.08727	1.03616	.92568	.85632	.91607	.58718	.71621
	GRADIENT	.00169	.01190	.02482	.03469	.03989	.04151	.01035	.00863	.00722	.00497

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.697	-1.908	1.99556	1.04791	.89455	.69085	.47882	.27141	.99624	1.06345	.76497	.91193
.700	.005	2.00455	1.07935	.95120	.76510	.56250	.35708	1.02630	1.08820	.78720	.92759
.701	2.105	1.97784	1.10235	1.00161	.83681	.64442	.44265	1.04814	1.10417	.80323	.93847
.701	4.058	2.00612	1.11653	1.04128	.89568	.71631	.52015	1.05815	1.11464	.80640	.94218
.702	6.096	2.02556	1.12517	1.07505	.94996	.78366	.59355	1.06261	1.11915	.80326	.94161
.700	7.970	1.95649	1.12398	1.09690	.99460	.84104	.66031	1.05710	1.11298	.79284	.93408
.699	10.039	1.87047	1.11526	1.11509	1.03656	.90648	.73114	1.04193	1.09809	.77500	.91384
.699	11.895	1.91395	1.09971	1.12270	1.06846	.95020	.79201	1.02132	1.07714	.75160	.88812
.699	13.859	1.95092	1.07548	1.12250	1.09263	.99579	.84905	.99041	1.04462	.72005	.85254
.698	15.880	1.95811	1.04177	1.11452	1.11031	1.03491	.90543	.94874	1.00508	.67775	.80910
.699	17.891	1.97689	.99990	1.09839	1.12112	1.06848	.95595	.89938	.95865	.62586	.76137
	GRADIENT	.00018	.01143	.02452	.03431	.03972	.04159	.01037	.00847	.00701	.00508

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.799	-2.004	2.08335	1.09577	.94549	.74610	.53534	.32811	1.04422	1.10974	.81369	.95774
.799	-.017	2.05686	1.12384	.99885	.81672	.61456	.41074	1.07228	1.13157	.83332	.97119
.800	2.012	2.05643	1.14500	1.04588	.88289	.69048	.48984	1.09092	1.14788	.84775	.98030
.800	3.963	2.10071	1.15883	1.08362	.93993	.76439	.56360	1.10122	1.15649	.85054	.98355
.800	6.025	2.08432	1.16115	1.11516	.99129	.82515	.63621	1.10320	1.15986	.84665	.98381
.800	7.926	1.97903	1.16477	1.13756	1.03455	.88234	.70109	1.09849	1.15409	.83678	.97599
.800	9.993	1.98886	1.15662	1.15478	1.07617	.94079	.77016	1.08346	1.14074	.81754	.95937
.800	11.885	1.86603	1.14433	1.16439	1.10760	.98982	.83019	1.06834	1.12045	.80084	.93200
.800	13.917	1.91870	1.12049	1.16524	1.13450	1.03613	.88965	1.03683	1.09209	.76856	.89975
.800	15.945	1.92168	1.08983	1.15850	1.15348	1.07675	.94605	.99828	1.05383	.73033	.86032
.800	17.930	1.93482	1.05119	1.14456	1.16352	1.10794	.99385	.95194	1.00927	.68113	.81393
	GRADIENT	.00255	.01056	.02316	.03250	.03829	.03942	.00952	.00786	.00628	.00435

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.849	-1.913	1.88760	1.12292	.97693	.78150	.57259	.36860	1.07449	1.13432	.84735	.98050
.849	.022	1.98563	1.15027	1.02749	.84859	.64709	.44536	1.09908	1.15651	.86272	.99698
.850	1.976	2.02953	1.16949	1.07087	.91001	.71915	.51933	1.11480	1.17118	.87388	1.00538
.850	4.042	2.01113	1.18288	1.10857	.96648	.78856	.59393	1.12624	1.18036	.87881	1.00838
.850	6.043	2.10182	1.18809	1.13814	1.01622	.85043	.66309	1.12663	1.18265	.87132	1.00920
.850	7.988	2.06958	1.18811	1.16118	1.05973	.90832	.72827	1.12056	1.17879	.85997	1.00419
.850	10.078	1.89658	1.18242	1.18009	1.10229	.96808	.79815	1.11134	1.16406	.84895	.98178
.850	11.928	1.91231	1.16816	1.18748	1.13110	1.01355	.85421	1.09202	1.14434	.82745	.95878
.849	13.950	1.96210	1.14628	1.18956	1.15767	1.05903	.91304	1.06388	1.11627	.79895	.92625
.850	15.933	1.98740	1.11650	1.18368	1.17638	1.09881	.96779	1.02705	1.08200	.76039	.88953
.850	17.980	1.99924	1.07717	1.16828	1.18587	1.12995	1.01736	.97867	1.03686	.71172	.84471
	GRADIENT	.02071	.01002	.02209	.03107	.03631	.03783	.00860	.00769	.00531	.00462

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.901	-1.991	2.08210	1.14790	1.00433	.81233	.60645	.40461	1.09922	1.16044	.87333	1.00974
.899	-.038	2.12317	1.17610	1.05546	.87953	.68117	.48078	1.12458	1.18317	.89272	1.02515
.899	1.974	2.11906	1.19580	1.09988	.94161	.75390	.55685	1.14365	1.19981	.90411	1.03230
.900	3.952	2.13377	1.20845	1.13519	.99504	.81940	.62590	1.15238	1.20574	.90757	1.03534
.900	5.989	2.13583	1.21427	1.16481	1.04416	.88132	.69515	1.15271	1.20882	.90210	1.03536
.900	7.876	2.03755	1.21510	1.18788	1.08695	.93769	.75868	1.14891	1.20476	.89136	1.02931
.900	10.025	1.80871	1.20710	1.20462	1.12700	.99322	.82518	1.13766	1.19038	.87871	1.00852
.900	11.900	1.84698	1.19325	1.21148	1.15583	1.03858	.88163	1.11868	1.17076	.85718	.98658
.900	13.924	1.88942	1.17283	1.21478	1.18201	1.08405	.93944	1.09135	1.14368	.82956	.95637
.899	15.891	1.85803	1.14603	1.20992	1.20087	1.12326	.99320	1.05781	1.11138	.79533	.92096
.899	17.929	1.88761	1.10738	1.19522	1.21056	1.15382	1.04056	1.01074	1.06779	.74803	.87756
	GRADIENT	.00758	.01014	.02202	.03075	.03586	.03730	.00900	.00768	.00575	.00423

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.950	-1.972	2.04457	1.17731	1.03722	.84885	.64649	.44770	1.12885	1.18976	.90685	1.04255
.950	.045	1.99295	1.20455	1.08686	.91445	.72027	.52330	1.15459	1.21151	.92597	1.05605
.950	1.988	2.02304	1.22288	1.12759	.97184	.78743	.59363	1.17154	1.22435	.93686	1.06159
.950	4.016	2.02635	1.23468	1.16279	1.02553	.85214	.66274	1.18104	1.23239	.94094	1.06448
.950	6.057	2.06653	1.24040	1.19131	1.07280	.91182	.72879	1.18127	1.23436	.93369	1.06472
.950	7.981	2.00429	1.24078	1.21391	1.11350	.96514	.78981	1.17730	1.23012	.92526	1.05751
.951	10.031	2.03208	1.23461	1.23055	1.15335	1.02135	.85524	1.16459	1.21791	.90834	1.04240
.950	11.930	1.89113	1.22212	1.23940	1.18351	1.06879	.91304	1.14950	1.19994	.89410	1.01808
.949	14.018	2.00172	1.20043	1.24139	1.21027	1.11217	.96985	1.12082	1.17218	.86234	.98815
.950	15.938	1.98679	1.17367	1.23634	1.22656	1.14886	1.01969	1.08734	1.13991	.82921	.95310
.950	17.931	1.96310	1.14017	1.22526	1.24002	1.18261	1.06977	1.04703	1.10098	.78842	.91414
	GRADIENT	-.00127	.00956	.02097	.02951	.03436	.03594	.00871	.00707	.00568	.00358

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.980	-2.030	2.01267	1.19523	1.05719	.86997	.66973	.47396	1.14759	1.20703	.92777	1.06013
.980	.010	2.05462	1.22383	1.10558	.93473	.74276	.54939	1.17171	1.22867	.94475	1.07274
.980	1.987	2.03801	1.23938	1.14741	.99194	.81004	.62032	1.18950	1.24228	.95668	1.07909
.980	4.017	2.04319	1.25291	1.18361	1.04634	.87513	.68938	1.19942	1.25079	.96193	1.08179
.979	6.008	2.11275	1.25872	1.21198	1.09296	.93378	.75363	1.20151	1.25296	.95611	1.08202
.979	7.948	1.98303	1.25782	1.23261	1.13313	.98648	.81381	1.19667	1.24842	.94727	1.07378
.981	9.975	1.97438	1.25295	1.24986	1.17146	1.04064	.87713	1.18573	1.23825	.93274	1.06019
.979	11.942	1.91228	1.23991	1.25857	1.20238	1.08775	.93492	1.16726	1.21798	.91430	1.03476
.980	13.938	1.94006	1.21932	1.25961	1.22555	1.12876	.98859	1.14103	1.19243	.88685	1.00668
.979	15.929	1.93426	1.19233	1.25490	1.24419	1.16682	1.04019	1.10952	1.15983	.85355	.97092
.981	17.964	1.96084	1.16041	1.24310	1.25551	1.19810	1.08719	1.06745	1.12143	.81036	.93370
.980	18.933	1.94876	1.13894	1.23460	1.25903	1.21213	1.10913	1.04358	1.09988	.78636	.91351
	GRADIENT	.00375	.00938	.02093	.02915	.03398	.03565	.00861	.00720	.00569	.00355

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.051	-1.981	1.92928	1.24177	1.11003	.92982	.73666	.54558	1.19791	1.25312	.98479	1.10633
1.049	.002	1.97726	1.26615	1.15593	.98970	.80396	.61493	1.21954	1.27277	.99920	1.11947
1.050	2.007	2.01050	1.28404	1.19597	1.04598	.86907	.68323	1.23571	1.28562	1.00936	1.12625
1.049	4.009	2.02564	1.29491	1.22825	1.09519	.92926	.74727	1.24390	1.29263	1.01247	1.12759
1.051	6.077	2.04522	1.30143	1.25568	1.14067	.98633	.81120	1.24518	1.29560	1.00735	1.12700
1.050	7.994	1.99357	1.30062	1.27537	1.17885	1.03561	.86776	1.24056	1.29153	.99822	1.12130
1.050	9.971	1.99066	1.29377	1.29047	1.21326	1.08581	.92634	1.22989	1.28053	.98353	1.10684
1.050	11.999	1.96371	1.28323	1.30067	1.24570	1.13367	.98459	1.21342	1.26227	.96535	1.08358
1.049	13.935	1.98218	1.26403	1.30167	1.26799	1.17301	1.03499	1.18967	1.23887	.94126	1.05727
1.049	15.931	1.97994	1.23890	1.29884	1.28622	1.20897	1.08477	1.15880	1.20923	.90899	1.02568
1.049	17.964	2.00411	1.20690	1.28741	1.29738	1.23998	1.13082	1.11897	1.16944	.86865	.98840
1.050	18.963	2.01906	1.18768	1.27885	1.30071	1.25284	1.15176	1.09562	1.15141	.84514	.97017
	GRADIENT	.01613	.00887	.01976	.02765	.03218	.03371	.00771	.00657	.00466	.00353

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.100	-2.011	1.95504	1.27374	1.14489	.96886	.77830	.59197	1.22963	1.28571	1.02003	1.14189
1.100	.036	1.98418	1.29769	1.19056	1.02862	.84652	.66132	1.25189	1.30432	1.03494	1.15372
1.099	1.984	2.01570	1.31396	1.22754	1.08026	.90628	.72354	1.26610	1.31666	1.04393	1.16040
1.099	4.064	1.99558	1.32693	1.26190	1.13168	.96794	.78864	1.27648	1.32455	1.04864	1.16074
1.101	6.016	2.09978	1.33181	1.28568	1.17232	1.01862	.84538	1.27536	1.32546	1.04053	1.16037
1.099	7.998	2.01478	1.33136	1.30644	1.21079	1.06967	.90303	1.27258	1.32217	1.03267	1.15349
1.101	9.959	1.95867	1.32500	1.32077	1.24507	1.11913	.96122	1.26064	1.31157	1.01769	1.13974
1.100	11.929	1.93488	1.31318	1.32959	1.27404	1.16237	1.01396	1.24578	1.29382	1.00282	1.11653
1.100	13.880	1.90402	1.29640	1.33362	1.29908	1.20520	1.06763	1.22383	1.27173	.97903	1.09212
1.101	15.863	1.92891	1.27155	1.32873	1.31563	1.23843	1.11420	1.19254	1.24152	.94711	1.06094
1.100	17.929	1.91656	1.23908	1.31798	1.32658	1.26879	1.15941	1.15409	1.20506	.90941	1.02383
	GRADIENT	.00754	.00871	.01923	.02677	.03116	.03233	.00767	.00638	.00470	.00313

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.149	-1.946	2.00096	1.30768	1.17971	1.00358	.81209	.62337	1.26137	1.31831	1.04730	1.17204
1.151	.041	2.04945	1.32999	1.22184	1.06082	.87676	.68883	1.28186	1.33652	1.06086	1.18215
1.149	2.010	2.03887	1.34529	1.25889	1.11184	.93565	.75007	1.29603	1.34770	1.06907	1.18714
1.150	4.046	2.06342	1.35707	1.29197	1.16041	.99338	.81282	1.30479	1.35507	1.07126	1.18792
1.150	6.022	2.08110	1.36159	1.31663	1.20243	1.04778	.87186	1.30598	1.35627	1.06576	1.18632
1.149	7.940	2.02883	1.36076	1.33648	1.23952	1.09733	.92749	1.30092	1.35129	1.05645	1.17885
1.151	9.996	1.80510	1.35659	1.35333	1.27686	1.14746	.98681	1.29290	1.34020	1.04826	1.16259
1.150	11.910	1.87832	1.34463	1.36046	1.30387	1.18906	1.03828	1.27648	1.32408	1.03090	1.14306
1.150	13.852	1.88880	1.32715	1.36288	1.32538	1.22856	1.08885	1.25429	1.30132	1.00820	1.11978
1.149	15.884	1.92111	1.30371	1.35910	1.34428	1.26484	1.13780	1.22500	1.27259	.97883	1.08878
1.150	17.883	1.90698	1.27560	1.35090	1.35629	1.29484	1.18246	1.19106	1.24058	.94547	1.05677
	GRADIENT	.00887	.00828	.01874	.02614	.03021	.03156	.00723	.00608	.00401	.00263

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.200	-2.026	2.04124	1.33589	1.20842	1.02933	.83548	.64380	1.29139	1.34557	1.07209	1.19112
1.200	.095	2.05843	1.35670	1.25006	1.08633	.89918	.70905	1.30949	1.36180	1.08414	1.20078
1.200	1.941	2.07839	1.37251	1.28540	1.13526	.95548	.76757	1.32288	1.37383	1.09055	1.20744
1.201	4.006	2.06536	1.38466	1.31865	1.18548	1.01535	.83004	1.33257	1.38139	1.09496	1.20786
1.200	6.036	2.07288	1.39035	1.34488	1.22731	1.06894	.88834	1.33332	1.38382	1.08952	1.20821
1.199	7.909	1.93482	1.38904	1.36306	1.26295	1.11682	.94217	1.32840	1.37788	1.08041	1.20037
1.201	9.941	1.95029	1.38183	1.37595	1.29760	1.16454	.99972	1.31604	1.36768	1.06408	1.18888
1.199	11.883	1.84912	1.37137	1.38558	1.32566	1.20912	1.05454	1.30256	1.35068	1.05185	1.16719
1.199	13.868	1.88859	1.35457	1.38854	1.34934	1.24846	1.10420	1.28046	1.32930	1.02941	1.14263
1.199	15.898	1.90334	1.33289	1.38735	1.36880	1.28572	1.15447	1.25324	1.30197	1.00194	1.11543
1.200	17.950	1.91843	1.30519	1.38012	1.38321	1.31833	1.20102	1.21940	1.27131	.96843	1.08582
	GRADIENT	.00460	.00813	.01835	.02594	.02988	.03095	.00687	.00599	.00377	.00285

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.299	-1.986	2.02750	1.39121	1.25988	1.07726	.87931	.67863	1.33810	1.40158	1.10437	1.24710
1.300	-.006	2.04150	1.41136	1.30154	1.13354	.94132	.74235	1.35832	1.41682	1.11968	1.25417
1.300	2.003	2.03338	1.42699	1.33848	1.18606	1.00040	.80305	1.37260	1.42697	1.12819	1.25681
1.300	4.023	2.04025	1.43363	1.36587	1.23005	1.05661	.86424	1.37685	1.43013	1.12781	1.25600
1.301	6.014	2.10931	1.44160	1.39419	1.27476	1.10996	.92397	1.37913	1.43521	1.12121	1.25643
1.301	7.960	2.00726	1.43810	1.41154	1.31157	1.16168	.98196	1.37482	1.42652	1.11920	1.24620
1.300	9.956	1.96155	1.43802	1.43082	1.34964	1.21191	1.03976	1.37014	1.41836	1.11286	1.23203
1.300	11.944	1.91578	1.42842	1.44172	1.38051	1.25790	1.09399	1.35887	1.40243	1.10154	1.21079
1.299	13.928	1.93449	1.40704	1.44112	1.40125	1.29942	1.14908	1.33317	1.37673	1.07847	1.18569
1.300	15.933	1.95157	1.38597	1.43974	1.42091	1.33280	1.19525	1.30824	1.35013	1.05407	1.15680
1.300	17.979	1.95510	1.35778	1.43050	1.43016	1.36212	1.23990	1.27293	1.31926	1.02142	1.12812
	GRADIENT	.00150	.00713	.01771	.02549	.02949	.03082	.00651	.00478	.00393	.00146

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.400	-1.935	1.89879	1.44035	1.30598	1.11589	.90923	.70100	1.39345	1.44147	1.14925	1.26641
1.400	.005	1.96467	1.46282	1.34874	1.17348	.97108	.76370	1.40933	1.46364	1.15652	1.28113
1.400	1.991	1.97669	1.47766	1.38256	1.22041	1.02907	.82273	1.42148	1.47676	1.16274	1.29188
1.400	4.002	2.01635	1.49013	1.41705	1.27254	1.08823	.88521	1.43018	1.48493	1.16410	1.29734
1.399	6.067	2.08551	1.48816	1.43980	1.31437	1.14406	.94737	1.42486	1.47925	1.15542	1.29134
1.400	8.005	2.04772	1.48940	1.46173	1.35375	1.19445	1.00482	1.42170	1.47680	1.15012	1.28310
1.400	10.062	2.06657	1.48205	1.47322	1.38593	1.24096	1.06104	1.41395	1.46171	1.14166	1.26171
1.399	11.982	1.97922	1.47727	1.48707	1.41616	1.28397	1.11159	1.40469	1.45000	1.13137	1.24544
1.400	13.953	1.99731	1.45877	1.48888	1.44242	1.32846	1.16637	1.38000	1.42696	1.11026	1.22128
1.400	15.999	2.02063	1.43844	1.48913	1.46330	1.36689	1.21725	1.35373	1.40265	1.08196	1.19773
1.400	17.976	2.03245	1.41542	1.48636	1.47999	1.40110	1.26332	1.32564	1.37481	1.05472	1.17123
	GRADIENT	.01839	.00828	.01853	.02610	.03005	.03089	.00617	.00723	.00256	.00522

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.549	-1.816	1.87177	1.48437	1.34575	1.14997	.93863	.72905	1.43374	1.48689	1.18005	1.29763
1.550	.129	1.85364	1.50219	1.38206	1.19799	.99172	.77959	1.44767	1.50217	1.18724	1.30881
1.551	2.137	1.87140	1.51985	1.42118	1.25214	1.05010	.83714	1.46274	1.51476	1.19411	1.31168
1.550	4.139	1.88668	1.52674	1.45021	1.29718	1.10510	.89639	1.46640	1.51879	1.19433	1.31424
1.550	6.194	1.94955	1.53114	1.47558	1.34127	1.16094	.95606	1.46858	1.51906	1.19049	1.31420
1.550	8.094	1.95764	1.53556	1.49887	1.37831	1.20812	1.00967	1.46594	1.52194	1.18062	1.31432
1.550	10.106	1.95235	1.52628	1.51398	1.41758	1.26246	1.07187	1.45170	1.50699	1.16646	1.29934
1.550	11.921	2.02005	1.51823	1.52269	1.44660	1.30748	1.12614	1.44058	1.49382	1.15480	1.28491
1.551	13.891	2.06119	1.50476	1.52985	1.47270	1.34929	1.17917	1.42321	1.47651	1.13776	1.26642
1.550	15.882	2.07760	1.48445	1.53392	1.50155	1.39475	1.23465	1.39697	1.45084	1.11249	1.24194
1.550	17.910	2.10242	1.45258	1.51910	1.50862	1.42282	1.28031	1.35886	1.41522	1.07630	1.20781
	GRADIENT	.00317	.00728	.01773	.02494	.02806	.02816	.00568	.00544	.00250	.00264

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.260	7.995	.04279	1.42942	1.40058	1.30003	1.15027	.96895	1.38482	1.39443	1.15604	1.17672
1.260	11.981	.05197	1.41441	1.42697	1.36335	1.24057	1.07632	1.36364	1.36831	1.12652	1.14837
1.261	15.954	.03738	1.37184	1.42581	1.40711	1.31993	1.18051	1.30535	1.32197	1.06980	1.10501
1.260	17.997	.04313	1.33824	1.41364	1.41680	1.34813	1.22705	1.26636	1.28673	1.03309	1.07372
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.280	7.973	.02796	1.43278	1.40612	1.30459	1.15526	.97540	1.38781	1.40492	1.15664	1.19578
1.279	12.004	.03705	1.41818	1.43068	1.36884	1.24815	1.08562	1.36188	1.38044	1.12395	1.16859
1.280	16.026	.02301	1.37820	1.43219	1.41299	1.32713	1.18902	1.30886	1.33293	1.07104	1.12346
1.281	17.973	.02022	1.34877	1.42303	1.42444	1.35688	1.23335	1.27396	1.29977	1.03660	1.09187
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.300	7.980	.02181	1.44193	1.41509	1.31253	1.16122	.97864	1.39743	1.41302	1.16749	1.20128
1.299	12.031	.02820	1.43087	1.44273	1.37948	1.25626	1.09057	1.37602	1.39218	1.13876	1.17712
1.300	15.998	.01741	1.38537	1.43738	1.41682	1.32732	1.19073	1.31751	1.33945	1.08021	1.12922
1.299	18.005	.01597	1.35739	1.43048	1.43187	1.36315	1.23841	1.28231	1.30859	1.04477	1.09953
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.321	7.999	.01218	1.45578	1.42755	1.32431	1.16952	.98497	1.41021	1.42606	1.17461	1.21152
1.320	11.971	.02323	1.43843	1.44913	1.38418	1.26074	1.09601	1.38216	1.39947	1.14186	1.18367
1.320	16.033	.01317	1.39843	1.45020	1.42858	1.33836	1.19695	1.32974	1.35272	1.09009	1.13960
1.320	17.990	.01124	1.37121	1.44356	1.44292	1.37149	1.24387	1.29545	1.32079	1.05499	1.10905
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.340	7.967	.00302	1.46324	1.43490	1.33028	1.17760	.99189	1.41565	1.43570	1.17806	1.22305
1.341	12.003	.01522	1.44578	1.45703	1.39369	1.26742	1.10083	1.38793	1.40864	1.14540	1.19543
1.340	16.031	.00754	1.41196	1.46438	1.44273	1.35007	1.20616	1.34000	1.36791	1.09338	1.15404
1.340	17.999	.00102	1.38135	1.45287	1.45194	1.37818	1.24958	1.30441	1.33369	1.06077	1.12269
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (GVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.360	7.963	-.01273	1.47143	1.44338	1.33875	1.18289	.99602	1.42556	1.44017	1.18620	1.22262
1.360	12.007	-.01788	1.45836	1.46902	1.40176	1.27455	1.10566	1.40119	1.41899	1.15702	1.20067
1.361	16.017	-.00678	1.41997	1.47045	1.44516	1.35202	1.20612	1.35087	1.37352	1.10640	1.15536
1.361	18.000	-.00465	1.39444	1.46490	1.45997	1.38555	1.25387	1.31886	1.34404	1.07358	1.12733
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.380	7.969	-.03249	1.48634	1.45693	1.34772	1.19086	1.00136	1.43944	1.45344	1.19529	1.22990
1.380	11.979	-.01570	1.47354	1.48331	1.41540	1.28430	1.11050	1.41740	1.43286	1.16770	1.20692
1.380	16.017	-.02373	1.43762	1.48665	1.46079	1.36371	1.21505	1.36829	1.38919	1.11881	1.16632
1.380	17.982	-.02411	1.41117	1.48150	1.47599	1.39972	1.26402	1.33545	1.35830	1.08664	1.13600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.400	7.959	-.04207	1.50106	1.47109	1.36131	1.20075	1.00926	1.45530	1.46644	1.20944	1.23264
1.400	11.972	-.02891	1.48343	1.49205	1.42224	1.28878	1.11442	1.42738	1.44138	1.17665	1.20868
1.401	15.967	-.03620	1.44385	1.49343	1.46701	1.37023	1.22018	1.37882	1.38942	1.12996	1.16059
1.400	18.000	-.03889	1.41756	1.48687	1.47992	1.40151	1.26530	1.34657	1.36002	1.10075	1.13477
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
1.451	8.074	-.12694	1.50988	1.47925	1.36944	1.20640	1.01265	1.46485	1.47603	1.22313	1.24440
1.450	11.939	-.05444	1.49545	1.50465	1.43388	1.29938	1.12334	1.43875	1.45248	1.19193	1.22001
1.450	16.053	-.11582	1.45770	1.50622	1.47717	1.37709	1.22423	1.39057	1.40634	1.14275	1.17630
1.450	18.065	-.11545	1.43245	1.50183	1.49372	1.41266	1.27314	1.35823	1.37828	1.11156	1.15192
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (GVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.199	-3.797	.10715	.58808	.53159	.42471	.27235	.09825	.57054	.63149	.59590	.81388
.200	-1.827	.10769	.59118	.60649	.52169	.37212	.19224	.58022	.63658	.58164	.82472
.199	.128	.10926	.76687	.77357	.62321	.43622	.25146	.71888	.82324	.67018	.86409
.200	2.188	.11057	.84623	.76665	.62412	.47115	.31823	.79434	.89776	.68143	.82837
.200	4.178	.11165	.81083	.75481	.65510	.55356	.41970	.80849	.81713	.72113	.76487
.201	6.184	.11272	.82853	.87361	.84118	.72576	.54207	.82408	.81340	.74192	.75102
.200	8.191	.11390	.95548	.99240	.90777	.75879	.57538	.87754	.91208	.72330	.73680
.200	10.196	.11508	.99609	1.00923	.93343	.80638	.64286	.93989	.95927	.71287	.74784
.201	12.206	.11617	.98176	1.00766	.95801	.84886	.69920	.91306	.93661	.66183	.70510
.201	14.201	.11743	.96784	1.01294	.98259	.89282	.75620	.88641	.91420	.62060	.67019
.201	16.191	.11849	.94510	1.01175	1.00703	.94061	.81438	.85063	.88062	.56711	.62534
	GRADIENT	.00060	.03505	.03026	.02812	.03309	.03851	.03455	.03162	.01753	-.00479

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.249	-3.792	.10600	.59553	.54330	.44495	.29669	.12882	.59322	.64773	.60990	.84134
.250	-1.773	.10662	.59489	.59718	.52764	.38691	.20941	.58177	.61425	.60051	.81084
.250	.184	.10813	.73544	.75728	.63562	.45796	.26951	.71362	.76779	.67377	.83668
.250	2.014	.04949	.84222	.77535	.63450	.48750	.33191	.80097	.90041	.68552	.83727
.250	4.008	.05110	.81698	.76538	.67017	.57098	.43953	.81681	.82975	.73824	.77974
.249	6.214	.11235	.83598	.87535	.84451	.72917	.54213	.82275	.81839	.75650	.75489
.249	8.120	.11321	.96110	.99401	.91296	.76696	.58404	.88899	.92385	.73552	.74913
.249	10.135	.11312	1.00012	1.01342	.93666	.81016	.64454	.94102	.95847	.72201	.74870
.248	12.159	.11290	.99406	1.02059	.96973	.86014	.70904	.93028	.95001	.68392	.71728
.248	14.153	.11259	.97327	1.01737	.98403	.89848	.76265	.89848	.92261	.63227	.67658
.247	16.205	.11093	.94573	1.00782	1.00739	.94111	.81977	.85716	.88588	.57806	.63148
	GRADIENT	-.00853	.03547	.03215	.02885	.03355	.03839	.03425	.03333	.01761	-.00503

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (GVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.398	-3.955	.08474	.60885	.55665	.45945	.31017	.13259	.59565	.64577	.62102	.84581
.398	-1.919	.08234	.62260	.63471	.56476	.41014	.22289	.59634	.66385	.59450	.84850
.399	.045	.08365	.78890	.79015	.65202	.46757	.28101	.74967	.84189	.69887	.86964
.400	2.049	.08145	.85801	.78464	.64808	.49997	.34652	.81025	.91728	.69153	.85304
.401	4.068	.08041	.82983	.77397	.68854	.59805	.46673	.83397	.83504	.75760	.78723
.401	6.054	.08020	.85144	.90229	.87604	.75641	.56469	.83940	.82754	.77482	.76032
.401	10.066	.08022	1.02429	1.03418	.96072	.83400	.66555	.96501	.98219	.74071	.76595
.401	14.041	.08049	1.00693	1.04369	1.01423	.91970	.78236	.92400	.94656	.65997	.69696
.400	18.068	.08197	.93986	1.02002	1.03794	.99042	.88261	.83706	.86838	.54153	.59374
	GRADIENT	-.00048	.03378	.02917	.02706	.03328	.03959	.03445	.03150	.01846	-.00565

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (GVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.601	-1.984	-.03546	.64243	.65031	.59225	.45450	.27243	.63198	.66861	.66621	.84306
.602	2.113	-.03681	.89077	.81745	.68710	.54116	.39223	.83611	.95224	.71803	.90191
.603	6.096	-.03828	.88258	.95008	.93838	.81460	.61648	.86031	.85261	.80894	.79825
.603	10.092	-.03644	1.08109	1.08747	1.01386	.88243	.71176	1.02205	1.03483	.79038	.81295
.602	14.084	-.03439	1.05948	1.09724	1.06490	.97034	.82766	.98113	.99964	.71094	.74383
.600	18.076	-.02931	1.00191	1.07596	1.08994	1.03834	.92810	.90055	.93048	.59892	.64888
	GRADIENT	-.00033	.06061	.04079	.02315	.02115	.02924	.04982	.06922	.01265	.01436

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (GVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.701	-1.948	-.00591	.66988	.67745	.61820	.48295	.30240	.64995	.70026	.67259	.86638
.703	2.092	-.00562	.89108	.82228	.70084	.56292	.41606	.83712	.96190	.74176	.93677
.702	6.062	-.00736	.87611	.94780	.95725	.85210	.65671	.85990	.85333	.83336	.82741
.701	10.088	-.00223	1.11431	1.12320	1.04900	.91599	.74318	1.05641	1.06918	.82597	.84923
.699	14.026	.00045	1.09374	1.12787	1.09516	.99891	.85369	1.01750	1.03609	.74679	.78080
.696	18.000	.00102	1.04072	1.11123	1.12322	1.06793	.95548	.94280	.97024	.64183	.68967
	GRADIENT	.00007	.05476	.03586	.02046	.01980	.02814	.04634	.06478	.01712	.01743

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (GVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.800	8.002	.04638	1.09734	1.14936	1.08321	.92827	.73423	.99983	1.04048	.87260	.87951
.800	12.022	.04638	1.15672	1.16913	1.11341	.99916	.83959	1.08806	1.10091	.83382	.85839
.800	16.027	.04795	1.11754	1.16743	1.15512	1.07773	.94708	1.03157	1.05378	.74808	.78819
.799	18.019	.05142	1.08851	1.15616	1.16539	1.10807	.99471	.99380	1.01881	.69454	.74088
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (GVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54
.599	-4.003	-.03027	.98011	.79491	.57254	.35620	.15355	.94840	.97675	.75348	.80533
.599	-1.912	-.03319	1.02253	.86605	.66077	.44807	.24942	.99192	1.01583	.78885	.83351
.599	.098	-.03622	1.05347	.92376	.73918	.53509	.33806	1.02082	1.04139	.81196	.84994
.599	2.071	-.03665	1.07373	.97252	.80704	.61497	.41762	1.04108	1.05695	.82547	.85742
.600	4.096	-.04260	1.08650	1.01237	.86779	.68867	.49431	1.05060	1.06309	.83132	.85582
.599	6.060	-.04286	1.09749	1.05029	.92636	.76003	.57276	1.05846	1.06830	.83206	.85429
.600	8.066	-.04220	1.09280	1.07153	.97183	.82186	.64307	1.04791	1.05738	.81843	.84024
.600	10.055	-.04178	1.08176	1.08489	1.00983	.87771	.71010	1.03113	1.04128	.79702	.82018
.599	12.082	-.04122	1.06726	1.09357	1.04208	.92763	.77121	1.00840	1.02126	.76980	.79707
.598	14.035	-.03831	1.04454	1.09546	1.06910	.97391	.83065	.97816	.99273	.73605	.76639
.599	16.091	-.03812	1.00384	1.08104	1.08126	1.00921	.88226	.92799	.94652	.68379	.72106
	GRADIENT	-.00139	.01310	.02685	.03653	.04123	.04212	.01259	.01062	.00955	.00631

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (HVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.202	-3.800	.42988	.56791	.32289	.44773	.60620	.59076	.61257	.30661	.31682	.31090
.200	-1.769	.51328	.64485	.40879	.52238	.57930	.56583	.58354	.26705	.27369	.26537
.200	.186	.63205	.74461	.50569	.57557	.55755	.53965	.55500	.23458	.23894	.23369
.200	2.183	.66877	.71826	.57601	.60076	.48974	.50123	.51441	.19588	.20331	.20030
.201	4.203	.72008	.71745	.63696	.63451	.44315	.42752	.47219	.15421	.16312	.16014
.200	6.211	.79799	.80210	.71202	.70726	.41016	.35129	.43035	.12287	.12128	.12885
.200	8.188	.89130	.89535	.77840	.77815	.41159	.33021	.38424	.09251	.08718	.09397
.200	10.192	.89705	.90790	.79294	.79495	.37300	.34361	.40456	.05385	.05307	.05534
.200	12.199	.91576	.92662	.82058	.82486	.33860	.33643	.36341	.02800	.02649	.02876
.200	14.190	.92888	.94882	.85189	.85617	.29041	.32459	.28119	.00558	.01014	.00257
.200	16.206	.92284	.94513	.85019	.86815	.29163	.31451	.25504	-.02368	-.01984	-.03048
.199	18.545	.90569	.94042	.85903	.87930	.29273	.29510	.25360	-.05429	-.04814	-.06184
	GRADIENT	.03685	.01804	.03984	.02265	-.02083	-.01961	-.01753	-.01884	-.01893	-.01837

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (HVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.250	-3.994	.41601	.56014	.31264	.45481	.62516	.61458	.63346	.31848	.32761	.32189
.251	-1.991	.51531	.64353	.41688	.53673	.59250	.57339	.60076	.28622	.29246	.28677
.251	-.002	.63674	.74799	.51022	.58950	.55950	.55323	.57423	.24326	.24811	.24383
.252	2.006	.67820	.72259	.58244	.60144	.49063	.48865	.52448	.20642	.21198	.20987
.252	4.003	.72255	.72217	.63967	.64373	.44991	.43300	.47311	.16520	.17007	.17009
.252	6.015	.79871	.80041	.70744	.70509	.41362	.36053	.44106	.12393	.12489	.13554
.252	8.011	.88957	.89758	.77731	.77706	.39925	.34416	.39905	.09924	.09353	.10132
.249	10.215	.91201	.92022	.80786	.80543	.40740	.34877	.40068	.07603	.07165	.07455
.248	12.197	.92300	.93344	.82922	.83333	.35658	.33700	.35204	.04672	.04598	.04599
.248	14.193	.92686	.93727	.84415	.85043	.29367	.31342	.29353	.01050	.01343	.01125
.248	16.215	.92087	.94226	.85327	.86614	.33416	.30360	.28585	-.01547	-.01251	-.01835
.248	18.193	.91555	.94127	.86120	.87622	.32568	.27331	.30368	-.03344	-.03266	-.03777
.248	18.546	.91316	.94107	.86317	.88038	.32092	.27510	.30766	-.03612	-.03534	-.03899
	GRADIENT	.03881	.02015	.04099	.02213	-.02263	-.02241	-.01986	-.01932	-.01978	-.01903

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.398	-3.921	.44757	.59431	.33113	.47698	.62627	.60467	.62921	.31742	.32664	.32195
.399	-1.992	.52729	.68475	.42687	.55768	.59165	.57780	.59484	.27882	.28642	.28255
.400	.004	.65126	.76836	.51763	.60705	.56523	.54562	.56261	.24460	.24793	.24485
.401	1.995	.68738	.74147	.59021	.62016	.47533	.49867	.52143	.20187	.21178	.21025
.402	4.038	.73153	.72652	.65535	.65283	.44685	.43773	.47323	.16410	.17210	.17134
.402	6.021	.82589	.82660	.73157	.73365	.40855	.35676	.43369	.13185	.12832	.13794
.402	8.027	.91958	.92715	.79769	.80205	.40110	.34473	.39514	.09767	.09224	.10031
.402	10.060	.93368	.93893	.82231	.82549	.40431	.35032	.40411	.06862	.06476	.06898
.403	12.046	.94494	.95247	.84527	.84959	.35224	.33281	.35321	.04167	.04090	.04167
.403	14.047	.94893	.96217	.86324	.87213	.28529	.31405	.27370	.00786	.01247	.00788
.404	16.044	.95015	.96905	.87845	.89074	.28639	.29333	.26227	-.01795	-.01258	-.01982
.404	18.457	.93810	.96158	.88009	.89810	.27986	.27309	.26374	-.04744	-.04281	-.05082
	GRADIENT	.03658	.01604	.04082	.02080	-.02391	-.02083	-.01941	-.01931	-.01931	-.01880

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (HVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.600	-3.926	.47062	.63342	.35673	.52522	.64543	.63129	.65395	.33225	.34180	.33728
.600	-1.919	.56549	.71428	.46572	.59423	.61208	.59996	.61655	.29331	.29972	.29610
.600	.047	.67505	.81544	.54875	.65864	.58077	.56180	.58456	.25567	.25959	.25734
.600	2.062	.72165	.77731	.63091	.66080	.48717	.51742	.53749	.21144	.22041	.21838
.600	4.067	.76870	.75051	.69228	.68180	.45740	.45344	.48315	.17142	.17952	.17885
.601	6.039	.86879	.87104	.77716	.77963	.41897	.37008	.44393	.13588	.13285	.14239
.602	8.092	.97436	.98200	.84804	.85185	.40266	.35989	.40314	.10206	.09701	.10541
.599	10.057	.98173	.98600	.86480	.86932	.40534	.36432	.40102	.07381	.07035	.07332
.600	12.033	.99037	.99943	.88780	.89505	.36365	.34798	.35935	.04385	.04361	.04452
.599	14.076	.99795	1.00841	.90609	.91543	.28348	.33035	.28128	.00929	.01320	.00907
.598	16.041	1.00105	1.01707	.92265	.93547	.28380	.31635	.26917	-.01794	-.01445	-.01975
.599	18.555	.99007	1.01214	.92661	.94551	.27239	.30539	.25170	-.05077	-.04729	-.05415
	GRADIENT	.03766	.01484	.04188	.01900	-.02510	-.02195	-.02107	-.02021	-.02023	-.01976

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.698	-4.032	.48824	.66364	.37523	.56061	.67624	.66550	.68074	.35263	.36089	.35666
.700	-1.862	.59160	.73837	.49426	.62854	.63709	.62578	.64220	.30918	.31462	.31121
.702	.106	.69728	.84180	.58197	.69487	.60230	.58985	.60980	.27035	.27296	.27079
.702	2.124	.74149	.80254	.66032	.69568	.50886	.53676	.56523	.22602	.23350	.23131
.702	4.128	.79214	.77550	.72687	.71222	.46348	.48227	.50889	.18211	.19320	.19182
.702	6.108	.88708	.88841	.80587	.80803	.42488	.39181	.46748	.14672	.14603	.15449
.701	8.109	1.00631	1.01541	.88292	.88927	.41574	.37543	.42155	.11391	.10941	.11827
.701	10.053	1.01643	1.02070	.89743	.90256	.41762	.38762	.40958	.08587	.08200	.08502
.700	12.059	1.02536	1.03388	.92154	.92790	.37287	.37480	.36481	.05647	.05463	.05544
.698	14.072	1.03441	1.04474	.94089	.95027	.29963	.34998	.30069	.02137	.02481	.02117
.697	16.054	1.03493	1.05079	.95492	.96678	.30232	.34076	.29000	-.00645	-.00419	-.00825
.700	18.597	1.02762	1.04824	.96318	.98042	.29050	.31481	.26858	-.03901	-.03755	-.04179
	GRADIENT	.03737	.01430	.04287	.01831	-.02723	-.02241	-.02070	-.02088	-.02051	-.02017

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (HVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.797	-4.033	.51760	.69727	.40630	.60598	.71090	.70783	.71765	.37859	.38673	.38275
.800	-1.961	.61416	.76263	.52216	.66651	.67422	.67171	.68204	.33788	.34346	.34040
.801	.024	.72100	.87921	.61868	.74772	.63655	.62366	.64384	.29857	.30126	.29984
.802	1.998	.76228	.84373	.68770	.73280	.55923	.57306	.60150	.25683	.26211	.26050
.799	4.038	.81770	.80848	.75753	.75124	.47944	.53069	.54506	.20802	.22160	.21888
.799	5.997	.89727	.89734	.83109	.83357	.44645	.43395	.49562	.17228	.17582	.18115
.799	8.010	1.04739	1.05507	.92562	.93247	.43324	.39817	.44675	.13872	.13533	.14525
.799	10.015	1.05777	1.06376	.93878	.94614	.43564	.41936	.43213	.11080	.10781	.11183
.798	11.997	1.06588	1.07517	.96037	.96828	.40028	.40151	.38473	.08172	.08094	.08040
.799	14.004	1.07631	1.08723	.98232	.99132	.33173	.37462	.32992	.04678	.05078	.04694
.799	15.993	1.07908	1.09437	.99669	1.01171	.33362	.35510	.31921	.02045	.02100	.01826
.800	17.991	1.07446	1.09358	1.00359	1.02188	.32696	.33638	.30216	-.00587	-.00658	-.00932
	GRADIENT	.03724	.01512	.04320	.01778	-.02873	-.02252	-.02117	-.02100	-.02048	-.02028

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (HVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.599	-3.401	.52173	.54759	.44204	.49145	.63879	.61696	.64120	.32350	.32740	.31941
.598	-1.403	.61296	.70750	.50858	.59989	.60477	.59052	.61133	.28552	.28784	.28237
.599	.646	.68432	.79997	.57185	.65203	.56406	.54992	.57280	.24416	.24559	.24287
.599	2.654	.74103	.76189	.65687	.66214	.47219	.49841	.51445	.19466	.20688	.20438
.599	4.671	.77003	.77307	.70477	.70937	.44541	.42655	.47411	.15892	.16341	.16434
.600	6.702	.90616	.91321	.80637	.81502	.40526	.35602	.42902	.12179	.11898	.12927
	GRADIENT	.03092	.02502	.03335	.02465	-.02571	-.02351	-.02134	-.02079	-.02024	-.01921

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (HVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.402	8.090	.91807	.92796	.79832	.80268	.40001	.34472	.39634	.09692	.09110	.09995
.402	10.029	.93205	.94076	.82171	.82721	.40096	.35497	.40766	.07181	.06795	.07256
.398	12.103	.93754	.95230	.84265	.84943	.35134	.33616	.35351	.04155	.03997	.04193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.205	-1.736	.58733	.60567	.43095	.44749	.64920	.61064	.56055	.25897	.26482	.25797
.203	.234	.66662	.67899	.51357	.52203	.61629	.58956	.53225	.22900	.23080	.22382
.201	2.291	.72593	.73639	.58284	.58932	.52917	.54466	.48846	.18648	.18696	.18269
.199	4.149	.77292	.77704	.63112	.62900	.46260	.47836	.45380	.14957	.15010	.14720
.198	6.163	.82833	.83243	.69961	.69969	.42383	.43081	.42379	.12080	.11993	.11556
.199	8.167	.86547	.86954	.74616	.74407	.38918	.39826	.39131	.08842	.08614	.08325
.199	10.177	.90059	.90903	.79620	.79410	.36822	.37512	.36382	.05915	.05837	.05691
.200	12.191	.90934	.91552	.81462	.81255	.33246	.33926	.31946	.02417	.02200	.01984
.200	14.188	.91289	.92332	.83386	.83180	.29923	.30381	.27560	-.00913	-.01053	-.01125
.200	16.186	.91891	.93579	.85269	.85923	.29603	.28556	.26164	-.03132	-.03483	-.03483
	GRADIENT	.03128	.02903	.03402	.03109	-.03281	-.02234	-.01847	-.01880	-.01968	-.01895

OA232 AEDC 16T TF431 LFN.15 RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.249	-1.876	.60060	.61321	.44130	.45409	.57912	.56205	.58097	.28260	.28456	.28100
.252	.057	.67467	.68067	.51999	.52832	.54110	.52217	.54082	.23858	.23983	.23491
.250	1.995	.74522	.75126	.59952	.60148	.52216	.50086	.51760	.21544	.21387	.21175
.250	4.120	.79020	.79839	.65680	.65659	.48210	.46285	.48832	.17687	.17676	.17391
.249	6.124	.83792	.84179	.71055	.70816	.45520	.43154	.44848	.14166	.13941	.13726
.250	8.170	.86844	.87872	.75687	.75662	.41692	.39983	.41455	.10728	.10507	.10293
.250	10.164	.89342	.89940	.78605	.78795	.38117	.36406	.37022	.06762	.06830	.06616
.250	12.193	.91828	.92638	.81968	.82586	.33802	.34242	.33140	.04068	.03924	.03781
.250	14.177	.93485	.94941	.85118	.85951	.30850	.32798	.29544	.01428	.01287	.01215
.251	15.988	.92675	.94546	.86297	.86910	.27131	.32692	.25837	-.01414	-.01410	-.01481
	GRADIENT	.03199	.03134	.03635	.03409	-.01557	-.01601	-.01509	-.01707	-.01752	-.01727

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.396	-3.998	.54616	.56490	.37483	.39853	.65384	.60474	.62421	.32094	.32881	.32253
.397	-1.853	.63381	.64659	.46646	.48657	.64214	.60022	.58308	.28001	.28596	.28008
.398	.077	.70185	.71218	.53897	.55546	.59982	.59686	.55165	.24471	.24793	.24247
.398	2.150	.76754	.77315	.61570	.62513	.51955	.54698	.51950	.20595	.20960	.20494
.399	4.000	.81737	.82062	.66905	.67732	.47459	.50432	.48390	.17495	.17513	.17203
.399	6.023	.86343	.86548	.72735	.73559	.44265	.45707	.44960	.14016	.14234	.13846
.399	8.015	.89974	.90296	.77514	.78106	.41173	.42146	.41169	.10834	.10818	.10507
.399	10.050	.92710	.93031	.81293	.81536	.37675	.38294	.37087	.07532	.07526	.07137
.400	12.038	.94533	.95085	.84201	.84910	.34193	.35157	.33374	.04253	.04329	.04096
.400	14.016	.95164	.96299	.86344	.87053	.30370	.32381	.29202	.01110	.01269	.01152
.399	16.046	.95339	.96941	.87665	.89194	.27811	.29239	.25706	-.01606	-.01482	-.01639
	GRADIENT	.03396	.03195	.03694	.03486	-.02398	-.01263	-.01721	-.01831	-.01919	-.01882

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.597	-3.912	.61345	.63228	.43451	.45505	.64731	.72322	.65100	.33117	.34119	.33517
.598	-1.986	.68661	.70131	.51389	.53082	.61179	.67383	.61800	.29397	.30063	.29630
.599	.064	.75832	.76846	.59169	.60456	.57649	.60080	.59075	.25517	.25801	.25636
.599	2.044	.81994	.82806	.65949	.67036	.56617	.54468	.58953	.22024	.21959	.22011
.600	4.048	.86974	.87579	.72043	.72672	.57223	.50263	.57293	.18322	.18109	.18245
.600	6.067	.91471	.91823	.77531	.77856	.54586	.46391	.55058	.14627	.14335	.14503
.600	8.052	.95020	.95370	.82212	.82386	.50958	.43300	.50731	.11169	.10945	.11029
.599	10.064	.97857	.98358	.86112	.86437	.47704	.40270	.44260	.07674	.07469	.07587
.599	12.054	.99618	1.00369	.89031	.89556	.44987	.36848	.38980	.04351	.04283	.04417
.599	14.089	1.00531	1.01380	.91217	.91840	.41911	.32526	.41087	.01065	.01000	.01067
.598	16.036	1.00835	1.02142	.93047	.93774	.35063	.29321	.33483	-.01715	-.01745	-.01662
	GRADIENT	.03237	.03076	.03596	.03422	-.00980	-.02860	-.00925	-.01853	-.02011	-.01913

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.699	-1.948	.72698	.74110	.55307	.57321	.60975	.64643	.64878	.30853	.31397	.31041
.700	.086	.79654	.80355	.62791	.64178	.57977	.61308	.62290	.26926	.27183	.26965
.701	2.068	.85584	.85950	.69439	.70448	.55153	.58554	.60236	.23185	.23306	.23171
.701	4.043	.90587	.90909	.75521	.76116	.52167	.54865	.58363	.19520	.19479	.19495
.702	6.053	.94865	.95101	.80637	.81309	.49028	.51591	.56105	.15786	.15735	.15696
.702	8.087	.98490	.98765	.85413	.85919	.46527	.48227	.51882	.12088	.12026	.12096
.701	10.054	1.01089	1.01569	.88972	.89767	.44113	.44662	.47506	.08733	.08577	.08646
.700	12.048	1.02927	1.03613	.91962	.92920	.41818	.41007	.45625	.05424	.05340	.05368
.699	14.091	1.03865	1.04924	.94398	.95482	.39863	.37768	.42484	.02212	.02074	.02171
.698	16.021	1.04142	1.05575	.96020	.97437	.38171	.34580	.36662	-.00631	-.00711	-.00601
	GRADIENT	.02988	.02807	.03373	.03140	-.01466	-.01608	-.01083	-.01891	-.01986	-.01926

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.800	-1.928	.78531	.79686	.60948	.62935	.67320	.69957	.67834	.33580	.34045	.33678
.800	.088	.84817	.85693	.67987	.69594	.64002	.65281	.64239	.29703	.29908	.29609
.800	1.962	.90146	.90672	.74094	.75180	.61390	.61622	.60723	.26133	.26041	.25951
.799	3.918	.94946	.95262	.79637	.80548	.60447	.57795	.57317	.22465	.22286	.22161
.800	5.929	.99255	.99362	.85010	.85470	.59328	.54179	.54156	.18674	.18512	.18502
.800	7.964	1.02678	1.02853	.89457	.89953	.55687	.50806	.50995	.15041	.14803	.14816
.800	9.998	1.05313	1.05591	.93135	.93736	.50859	.47190	.48459	.11422	.11282	.11318
.800	11.984	1.07129	1.07615	.96163	.96799	.46748	.44289	.47958	.08038	.07961	.07973
.800	13.984	1.08287	1.09189	.98533	.99586	.43466	.41108	.44956	.04894	.04775	.04810
.800	16.014	1.08657	1.09838	1.00219	1.01586	.41090	.38693	.39765	.01864	.01726	.01831
	GRADIENT	.02812	.02665	.03204	.03011	-.01198	-.02069	-.01806	-.01902	-.02017	-.01969

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.850	-1.986	.81234	.82504	.63727	.65744	.69639	.72010	.69534	.35839	.36310	.35935
.850	-.060	.87173	.88051	.70392	.71988	.66483	.67909	.67059	.32147	.32342	.32118
.850	1.941	.92695	.93151	.76569	.77743	.63945	.63650	.64424	.28344	.28296	.28169
.850	3.959	.97499	.97726	.82263	.83243	.62887	.60000	.61586	.24462	.24333	.24184
.850	5.921	1.01547	1.01805	.87408	.88098	.61840	.56877	.58921	.20771	.20680	.20596
.850	7.977	1.05042	1.05235	.91848	.92441	.57938	.53167	.55797	.17036	.16885	.16833
.850	9.994	1.07567	1.07953	.95378	.96165	.53506	.49864	.53176	.13490	.13366	.13303
.850	12.000	1.09530	1.09980	.98433	.99254	.49434	.46498	.50368	.10059	.09983	.09941
.850	13.998	1.10701	1.11441	1.00905	1.01855	.47498	.43979	.47817	.06821	.06707	.06761
.850	16.000	1.11192	1.12257	1.02719	1.03929	.42345	.40764	.42924	.03935	.03814	.03890
.850	18.007	1.10674	1.12191	1.03795	1.05328	.33896	.37232	.37096	.01069	.00953	.01104
	GRADIENT	.02737	.02558	.03114	.02936	-.01147	-.02031	-.01335	-.01913	-.02015	-.01976

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.902	-3.966	.78140	.79752	.60432	.62580	.75861	.77903	.76482	.42803	.43524	.43167
.903	-2.086	.84456	.85763	.67396	.69149	.72856	.73842	.73237	.39170	.39592	.39366
.902	-.097	.90386	.91421	.73948	.75308	.69297	.69921	.70673	.35252	.35427	.35351
.898	1.907	.95633	.96307	.79902	.80904	.65880	.66143	.67870	.31122	.31140	.31082
.900	3.946	1.00357	1.00815	.85454	.86060	.63053	.62258	.66094	.27350	.27220	.27233
.900	5.975	1.04465	1.04770	.90511	.90934	.60953	.58892	.63120	.23519	.23332	.23355
.899	7.994	1.07677	1.07951	.94698	.95060	.59719	.55480	.59385	.19748	.19554	.19596
.896	10.011	1.09996	1.10421	.98150	.98572	.57367	.51474	.55580	.15988	.15846	.15797
.901	12.003	1.12159	1.12670	1.01368	1.01788	.53857	.48958	.54401	.12907	.12758	.12769
.898	14.024	1.13196	1.14041	1.03646	1.04368	.48169	.45432	.50289	.09540	.09414	.09505
.895	15.974	1.13519	1.14671	1.05236	1.06234	.41585	.41993	.45022	.06383	.06228	.06441
.896	18.011	1.13360	1.14753	1.06547	1.07633	.35729	.38226	.39406	.03656	.03483	.03685
	GRADIENT	.02804	.02655	.03154	.02961	-.01644	-.01967	-.01317	-.01966	-.02072	-.02026

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.949	-1.976	.88194	.89059	.71133	.72928	.75866	.76141	.80066	.42574	.42997	.42780
.950	-.019	.93769	.94518	.77507	.78990	.72772	.72814	.77012	.38786	.38955	.38785
.950	1.978	.98829	.99344	.83271	.84376	.69955	.69475	.72456	.34840	.34822	.34719
.951	3.955	1.03459	1.03656	.88687	.89418	.66945	.66345	.69219	.31070	.30981	.30907
.950	6.019	1.07464	1.07603	.93658	.94218	.63560	.62608	.65548	.27052	.26978	.26894
.949	7.955	1.10601	1.10738	.97686	.98188	.60251	.58952	.62698	.23434	.23355	.23319
.949	9.976	1.13188	1.13353	1.01167	1.01755	.57144	.56187	.60486	.19706	.19681	.19605
.950	12.045	1.14881	1.15276	1.04022	1.04698	.53389	.52602	.56758	.16157	.16070	.16014
.950	13.979	1.16018	1.16672	1.06424	1.07273	.49725	.49772	.54020	.13012	.12833	.12853
.949	16.000	1.16633	1.17519	1.08243	1.09353	.45645	.46671	.49540	.09857	.09663	.09809
.949	17.985	1.16206	1.17556	1.09284	1.10714	.39173	.42973	.43246	.06936	.06833	.06949
	GRADIENT	.02569	.02456	.02952	.02772	-.01495	-.01654	-.01875	-.01943	-.02030	-.02005

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.978	-1.925	.90519	.91527	.73803	.75551	.77651	.77923	.81009	.44743	.45094	.44789
.981	-.047	.95827	.96525	.79679	.81118	.74772	.74844	.77316	.41114	.41264	.41081
.980	1.955	1.00866	1.01338	.85418	.86494	.71925	.71713	.74498	.37111	.37136	.37008
.981	3.974	1.05325	1.05543	.90698	.91464	.69001	.68451	.70925	.33200	.33156	.33028
.979	6.033	1.09393	1.09469	.95626	.96114	.65589	.64641	.68333	.29178	.29093	.29030
.980	8.012	1.12594	1.12613	.99631	1.00174	.62481	.61307	.65670	.25472	.25345	.25329
.979	9.979	1.14865	1.15024	1.03044	1.03532	.59189	.57898	.63110	.21751	.21666	.21640
.980	12.042	1.16759	1.17198	1.06091	1.06720	.55535	.54521	.58979	.18167	.18051	.17997
.979	13.949	1.17964	1.18515	1.08325	1.09152	.51684	.51761	.56170	.14816	.14723	.14706
.975	16.022	1.18150	1.18957	1.09937	1.10823	.46907	.48419	.51357	.11285	.11159	.11273
.980	18.030	1.18075	1.19489	1.11280	1.12662	.41293	.45163	.45507	.08520	.08399	.08549
	GRADIENT	.02509	.02377	.02863	.02695	-.01462	-.01601	-.01678	-.01961	-.02028	-.01998

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.051	-1.965	.96099	.97013	.79976	.81669	.83259	.83488	.84372	.50694	.51067	.50718
1.048	.092	1.01548	1.02048	.85915	.87169	.80141	.80041	.81672	.46468	.46631	.46389
1.050	1.953	1.06083	1.06433	.91032	.92108	.77894	.77110	.78950	.42829	.42800	.42637
1.049	3.969	1.10268	1.10469	.96027	.96779	.76644	.73425	.75421	.38574	.38452	.38308
1.051	6.022	1.14159	1.14211	1.00814	1.01298	.74827	.70165	.72720	.34608	.34463	.34328
1.050	8.021	1.17102	1.17123	1.04548	1.05033	.70941	.66598	.69159	.30490	.30301	.30226
1.050	9.992	1.19430	1.19568	1.07709	1.08371	.66779	.63143	.65825	.26568	.26464	.26368
1.049	12.003	1.21112	1.21423	1.10649	1.11194	.62699	.60032	.62899	.22549	.22431	.22354
1.049	14.001	1.22390	1.22853	1.12966	1.13659	.60080	.57619	.62028	.18726	.18653	.18606
1.049	16.023	1.22809	1.23598	1.14684	1.15615	.57327	.55217	.58713	.15113	.14966	.15037
1.047	18.007	1.22509	1.23625	1.15559	1.16877	.48953	.51435	.52151	.12250	.12157	.12375
	GRADIENT	.02393	.02276	.02709	.02556	-.01124	-.01685	-.01504	-.02035	-.02120	-.02085

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.102	-4.231	.93342	.94633	.77030	.79009	.90398	.90627	.91316	.59774	.60385	.59941
1.097	-3.821	.94590	.95801	.78332	.80261	.89602	.89746	.90326	.58739	.59327	.58918
1.100	-1.932	.99747	1.00983	.84023	.85866	.86816	.86957	.88639	.55099	.55568	.55254
1.101	.131	1.05014	1.05854	.89792	.91213	.83557	.83581	.85494	.51016	.51237	.51045
1.099	2.006	1.09379	1.09963	.94773	.95882	.81361	.80481	.82901	.47214	.47233	.47116
1.098	4.060	1.13677	1.14007	.99764	1.00538	.78937	.77147	.79635	.43089	.43049	.42950
1.098	6.010	1.17160	1.17517	1.04061	1.04780	.75645	.73596	.76682	.39193	.39102	.39021
1.099	8.012	1.20009	1.20364	1.07767	1.08428	.72329	.70283	.73280	.35177	.35120	.35039
1.098	9.988	1.22372	1.22784	1.11005	1.11724	.68919	.67204	.69901	.31192	.31216	.31106
1.098	12.021	1.24130	1.24682	1.13760	1.14563	.65431	.64420	.67344	.27202	.27185	.27093
1.098	14.008	1.25201	1.26202	1.15894	1.17147	.62270	.61907	.66520	.23323	.23218	.23277
1.097	15.982	1.25809	1.26727	1.17612	1.18755	.58277	.59549	.63186	.19613	.19503	.19637
1.098	18.027	1.25670	1.27096	1.18860	1.20342	.52266	.56669	.56749	.12078	.12035	.11603
	GRADIENT	.02470	.02352	.02758	.02610	-.01391	-.01615	-.01376	-.01999	-.02085	-.02041

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-4.230	.96831	.98072	.80399	.82374	.92247	.92476	.93455	.60889	.61534	.61134
1.150	-2.009	1.02906	1.03950	.86935	.88715	.88704	.88929	.90934	.56158	.56597	.56354
1.150	.011	1.07910	1.08733	.92506	.93901	.85611	.85473	.87844	.51832	.52046	.51941
1.151	2.027	1.12466	1.13009	.97547	.98692	.83134	.81914	.84646	.47493	.47547	.47450
1.151	4.114	1.16731	1.17025	1.02529	1.03343	.80115	.78310	.81296	.42903	.42900	.42794
1.149	5.708	1.20179	1.20416	1.06822	1.07499	.77210	.74873	.77838	.38545	.38484	.38404
1.149	8.003	1.22722	1.23014	1.10177	1.10826	.74322	.71983	.74701	.34265	.34228	.34130
1.150	10.080	1.25203	1.25577	1.13609	1.14258	.70975	.69493	.71797	.29166	.29154	.29037
1.149	12.084	1.26834	1.27430	1.16246	1.17090	.67939	.67311	.69788	.24226	.24175	.24039
1.151	14.054	1.28138	1.28899	1.18464	1.19586	.64779	.64814	.69177	.17855	.17508	.17427
1.150	16.024	1.28567	1.29630	1.20188	1.21474	.60157	.61848	.66260	.13581	.13232	.13372
1.151	18.060	1.28628	1.29997	1.21484	1.22993	.52096	.56940	.57129	.10469	.10170	.10467
	GRADIENT	.02384	.02268	.02649	.02507	-.01441	-.01705	-.01475	-.02154	-.02235	-.02200

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.200	-4.090	1.00392	1.01175	.83624	.85003	.92775	.93644	.94536	.60368	.61035	.60608
1.197	-1.857	1.05953	1.06735	.89719	.90991	.88751	.89621	.91467	.55393	.55876	.55665
1.201	.004	1.10843	1.11431	.95166	.96081	.86115	.86549	.88852	.50795	.51063	.50933
1.198	2.104	1.15124	1.15521	.99987	1.00740	.83088	.82953	.85074	.45890	.46036	.45915
1.203	4.006	1.19031	1.19290	1.04581	1.05034	.80857	.79586	.82407	.40449	.40500	.40396
1.202	6.042	1.22755	1.22823	1.09007	1.09296	.79954	.76951	.79559	.34941	.34825	.34666
1.201	8.046	1.25432	1.25607	1.12607	1.12948	.78884	.74341	.76438	.29202	.28947	.28797
1.199	10.042	1.27623	1.27931	1.15732	1.16099	.76642	.71499	.74087	.24850	.24570	.24537
1.203	12.036	1.29556	1.30025	1.18688	1.19216	.74545	.69249	.72670	.20413	.20272	.20391
1.201	14.011	1.30592	1.31412	1.20710	1.21617	.69128	.65229	.69280	.17013	.16794	.16958
1.200	16.020	1.31232	1.32296	1.22530	1.23627	.60521	.60459	.64762	.14631	.14576	.14812
1.200	18.002	1.31646	1.32899	1.24057	1.25369	.51463	.55999	.58142	.11956	.12192	.12499
	GRADIENT	.02306	.02235	.02590	.02473	-.01466	-.01727	-.01521	-.02446	-.02524	-.02487

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.299	-1.931	1.10257	1.11868	.93363	.95889	.92870	.92556	.94739	.50135	.50518	.50331
1.299	-.060	1.14669	1.16133	.98419	1.00626	.90095	.89257	.91818	.44057	.44257	.44098
1.299	1.936	1.18868	1.20016	1.03244	1.05023	.88205	.86726	.88833	.39045	.39059	.38967
1.300	4.028	1.22641	1.23786	1.07622	1.09370	.86938	.83752	.85859	.34154	.33827	.33754
1.299	5.939	1.26107	1.27190	1.11674	1.13418	.85354	.81134	.82604	.30696	.30096	.29801
1.300	7.974	1.28995	1.30050	1.15606	1.17209	.82674	.78473	.79604	.26615	.26097	.25820
1.299	9.940	1.31477	1.32359	1.18867	1.20326	.76272	.74060	.72911	.22603	.22091	.21929
1.300	12.007	1.33862	1.34913	1.22206	1.23719	.69612	.70373	.68076	.18499	.18167	.18265
1.300	13.936	1.34651	1.36107	1.24204	1.26094	.63775	.66840	.66672	.15660	.15428	.15458
1.299	15.981	1.35168	1.36913	1.25983	1.28164	.62961	.62849	.65726	.12488	.12386	.12869
1.301	17.985	1.35448	1.37627	1.27560	1.30060	.57869	.58764	.60289	.09556	.09680	.10346
	GRADIENT	.02078	.01992	.02392	.02254	-.00986	-.01455	-.01490	-.02660	-.02776	-.02756

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.400	-3.954	1.09209	1.09689	.91452	.92752	.97900	.97709	1.00153	.54087	.54604	.54457
1.400	-1.985	1.14242	1.14633	.96809	.97934	.95949	.95586	.98080	.48954	.49391	.49396
1.399	-.031	1.19209	1.19113	1.02063	1.02733	.93720	.92865	.94942	.45095	.45290	.45238
1.400	1.958	1.23661	1.23477	1.07042	1.07597	.91797	.89741	.91730	.40383	.40366	.40169
1.399	3.976	1.28017	1.27717	1.12224	1.12437	.90109	.87478	.88870	.35227	.35160	.35154
1.400	5.945	1.31345	1.30844	1.15838	1.16166	.87771	.83963	.84101	.32325	.32338	.32074
1.401	8.006	1.34409	1.34365	1.19958	1.20515	.80954	.79917	.77255	.27284	.27381	.27088
1.399	9.955	1.36197	1.36839	1.22656	1.23815	.76075	.76923	.72918	.23361	.23683	.23418
1.401	11.966	1.38170	1.38640	1.25768	1.26670	.68300	.74359	.67892	.19564	.19710	.19148
1.401	14.006	1.39633	1.40360	1.28262	1.29451	.61571	.69945	.67292	.14895	.15373	.15222
1.400	15.969	1.40752	1.41164	1.30625	1.31555	.58278	.64950	.66340	.11872	.12000	.11629
1.399	18.004	1.41139	1.41949	1.32254	1.33498	.58432	.60205	.61912	.09550	.09491	.08929
	GRADIENT	.02375	.02267	.02615	.02476	-.00996	-.01329	-.01460	-.02338	-.02420	-.02416

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.548	-3.916	1.12909	1.13607	.94639	.95779	1.02345	1.02726	1.02985	.52392	.52775	.52738
1.549	-1.929	1.17764	1.18174	.99773	1.00754	.99688	.99626	.99571	.48110	.48306	.48311
1.550	.009	1.22181	1.22367	1.04348	1.05106	.97418	.96690	.96067	.43603	.43454	.43343
1.551	2.017	1.26377	1.26846	1.09209	1.10029	.95116	.93626	.91423	.38472	.38337	.38204
1.552	4.012	1.30271	1.30516	1.13715	1.14247	.90539	.89808	.85615	.37723	.37231	.36401
1.551	6.030	1.34164	1.34217	1.18180	1.18553	.83951	.86640	.80107	.31861	.31722	.31356
1.550	8.072	1.37139	1.37254	1.22229	1.22696	.79503	.86120	.77814	.26565	.26640	.25988
1.549	10.056	1.39690	1.39836	1.25731	1.26165	.71815	.82233	.72599	.23029	.23540	.23194
1.548	12.088	1.42025	1.42390	1.29043	1.29539	.65504	.77953	.66672	.19708	.19958	.19189
1.547	14.077	1.44552	1.45011	1.32485	1.33013	.59632	.72654	.64036	.16004	.17091	.17157
1.548	16.089	1.44972	1.45747	1.34310	1.35121	.51632	.66574	.59615	.12442	.13362	.12994
	GRADIENT	.02188	.02145	.02403	.02334	-.01424	-.01608	-.02167	-.01967	-.02072	-.02159

0A232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (HVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.899	-3.948	.78056	.79622	.60680	.62394	.78498	.74931	.73196	.42860	.43592	.42895
.901	-2.075	.84528	.85778	.67521	.68980	.74356	.73701	.70184	.39226	.39814	.39242
.902	-.043	.90490	.91364	.74079	.75225	.68030	.71685	.66640	.35135	.35601	.35113
.899	1.912	.95626	.96255	.80003	.80781	.63406	.68006	.63125	.31274	.31499	.31152
.901	4.013	1.00582	1.01021	.85730	.86258	.59467	.64057	.59250	.27267	.27412	.27168
.901	5.955	1.04418	1.04794	.90616	.90957	.56136	.60108	.55675	.23788	.23895	.23588
.900	7.975	1.07855	1.08167	.94906	.95184	.52356	.56516	.51958	.20036	.20166	.19921
.899	9.994	1.10384	1.10757	.98467	.98806	.48849	.53076	.47833	.16391	.16565	.16340
.898	12.001	1.12188	1.12624	1.01361	1.01701	.44738	.49408	.43908	.12885	.13001	.12774
.896	13.988	1.13135	1.14006	1.03719	1.04183	.40837	.46261	.39573	.09774	.09809	.09582
.896	16.034	1.13774	1.14767	1.05371	1.06392	.37407	.43129	.35093	.06634	.06651	.06589
	GRADIENT	.02817	.02673	.03141	.02987	-.02461	-.01383	-.01756	-.01966	-.02043	-.01986

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.198	-3.971	1.00405	1.01513	.83981	.85276	.95020	.94045	.90527	.60330	.61149	.60538
1.201	-1.989	1.05968	1.06919	.89902	.91042	.89936	.91453	.87020	.55647	.56189	.55646
1.199	.078	1.10905	1.11586	.95236	.96213	.84182	.88083	.83235	.50986	.51354	.50935
1.202	2.000	1.15345	1.15864	1.00245	1.00901	.79851	.84429	.79279	.45939	.46222	.45892
1.199	4.043	1.19050	1.19303	1.04594	1.05037	.75694	.80551	.75547	.40982	.41164	.40868
1.201	6.037	1.22878	1.23023	1.09178	1.09461	.72557	.77515	.72465	.35094	.35315	.34948
1.201	7.984	1.25567	1.25816	1.12819	1.13047	.70296	.75202	.70099	.29139	.29295	.28821
1.199	10.068	1.27939	1.28240	1.16168	1.16395	.67579	.72899	.67225	.24695	.24766	.24521
1.203	12.004	1.29694	1.30046	1.18880	1.19159	.64536	.70965	.64130	.20622	.20713	.20574
1.203	13.983	1.30735	1.31563	1.20983	1.21631	.59022	.67567	.59255	.17300	.17411	.17307
1.195	16.063	1.31452	1.32387	1.22849	1.23657	.52399	.63132	.51523	.14933	.15064	.14977
	GRADIENT	.02331	.02224	.02576	.02467	-.02435	-.01699	-.01883	-.02418	-.02494	-.02452

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (HVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5 [illegible] 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.548	-3.832	1.13943	1.14617	.95592	.96741	1.02158	1.03126	1.00334	.52770	.53206	.52966
1.551	-1.943	1.18498	1.19023	1.00587	1.01390	.97320	1.00598	.97365	.48325	.48682	.48523
1.549	.059	1.23131	1.23458	1.05395	1.06099	.93753	.97625	.93899	.44084	.44133	.43875
1.550	2.067	1.27369	1.27693	1.10197	1.10802	.88871	.94770	.88576	.38988	.38975	.38684
1.550	4.112	1.31391	1.31516	1.14945	1.15301	.83229	.92314	.83823	.37516	.37357	.36459
1.550	6.042	1.34836	1.35008	1.18895	1.19200	.77760	.88017	.78258	.31914	.32021	.31418
1.549	8.081	1.38162	1.38234	1.23181	1.23485	.75129	.86486	.74891	.26806	.27262	.26494
1.547	10.091	1.40519	1.40737	1.26608	1.26912	.67610	.80999	.65849	.23181	.24167	.23725
1.548	12.081	1.42747	1.42964	1.29792	1.30044	.60481	.76313	.55872	.19884	.20411	.19560
1.545	14.063	1.45224	1.45586	1.33224	1.33574	.54635	.71914	.48709	.16297	.17825	.17581
1.552	16.095	1.45710	1.46318	1.34948	1.35591	.44329	.64983	.39592	.12845	.13754	.13051
	GRADIENT	.02198	.02133	.02427	.02338	-.02328	-.01379	-.02104	-.02000	-.02078	-.02151

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.201	-1.814	.56763	.63559	.41018	.47628	.56343	.54691	.56976	.25007	.26466	.27180
.203	.154	.63392	.70250	.48400	.55290	.53390	.50518	.52550	.21528	.22822	.23451
.203	2.179	.69761	.76822	.55197	.62083	.51220	.47096	.49339	.18325	.19276	.19834
.202	4.153	.75425	.82337	.61575	.68524	.51252	.44355	.45780	.14622	.15586	.16079
.203	6.085	.79206	.86699	.66489	.73813	.49960	.42269	.41807	.10974	.11659	.12148
.201	7.845	.83553	.90163	.71805	.78027	.50365	.42480	.38367	.08470	.08748	.08891
.201	9.843	.86096	.92022	75280	.81034	.42070	.44026	.35259	.05061	.05199	.05341
.201	11.747	.88563	.94293	.78357	.84555	.37153	.41246	.32456	.02590	.02661	.02874
.202	13.750	.88610	.94486	.80418	.86125	.32289	.34853	.27434	-.00700	-.00907	-.00626
.201	15.741	.89422	.95162	.82190	.87760	.31925	.30029	.25723	-.03717	-.03923	-.03710
.200	17.724	.88286	.94716	.82291	.88764	.31645	.27147	.26258	-.05924	-.06056	-.06128
	GRADIENT	.03129	.03157	.03436	.03486	-.00875	-.01728	-.01846	-.01724	-.01816	-.01853

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.250	-1.985	.57947	.64556	.42320	.48735	.55810	.56471	.59209	.27396	.28592	.29237
.250	.185	.64199	.70621	.49142	.55586	.51931	.51947	.54272	.22943	.24292	.24653
.250	2.161	.70934	.77358	.56300	.62962	.50039	.48761	.51306	.19808	.20944	.21377
.250	4.125	.75934	.82563	.61962	.68615	.47310	.45818	.47932	.16390	.17600	.17817
.250	6.096	.79577	.86833	.66927	.73993	.43930	.42654	.43907	.12575	.13570	.13929
.251	7.930	.83029	.90247	.71298	.78541	.41573	.39447	.40483	.09729	.10294	.10722
.253	10.021	.86466	.93779	.74920	.83311	.38296	.36203	.36805	.07090	.07368	.07859
.250	11.940	.88527	.95335	.78264	.85741	.34946	.33884	.31715	.03578	.03935	.04149
.251	13.902	.89362	.96353	.80852	.88295	.31108	.31972	.28107	.01015	.01017	.01372
.250	15.709	.90361	.96763	.82642	.89931	.29265	.32502	.24089	-.01650	-.01574	-.01431
	GRADIENT	.02989	.02991	.03255	.03300	-.01352	-.01734	-.01816	-.01783	-.01790	-.01851

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.401	-1.955	.60257	.67185	.43482	.51134	.57947	.56494	.58868	.26531	.26237	.28896
.401	.036	.67227	.73696	.50899	.58561	.55174	.52440	.54936	.22787	.24306	.24927
.401	2.050	.73395	.79850	.57679	.65443	.52568	.49025	.51173	.19577	.20673	.21138
.401	4.012	.78585	.85145	.63820	.71573	.51895	.45349	.47845	.16210	.17309	.17658
.402	6.031	.83130	.89808	.69168	.77042	.50990	.42587	.44047	.13119	.13916	.14341
.402	7.898	.84994	.92914	.73388	.81120	.48935	.41368	.40174	.09579	.10108	.10416
.403	9.941	.89245	.96097	.77578	.85620	.43480	.40075	.36823	.06547	.06848	.07117
.403	11.847	.91513	.97570	.80981	.88000	.37073	.39636	.33508	.03875	.04105	.04258
.402	13.841	.92639	.98700	.83361	.90388	.33777	.36340	.30095	.00733	.01082	.01158
.402	15.870	.93174	.99028	.84900	.91953	.31081	.31917	.27384	-.01675	-.01629	-.01514
	GRADIENT	.03071	.03015	.03404	.03425	-.01044	-.01850	-.01850	-.01716	-.01829	-.01883

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.700	-1.942	.69824	.76476	.52200	.60075	.66444	.64316	.65748	.29548	.31125	.31693
.700	.041	.76394	.82829	.59369	.67109	.61833	.61110	.60563	.25801	.27227	.27711
.700	2.017	.82088	.88358	.65800	.73252	.57486	.58082	.56176	.22204	.23414	.23898
.701	3.980	.86987	.93250	.71413	.79065	.53900	.54619	.53335	.18653	.19727	.20169
.701	6.002	.90947	.97572	.76213	.84268	.51213	.51930	.50403	.14939	.15891	.16442
.701	7.987	.94367	1.01307	.80649	.89100	.49890	.48095	.48918	.11280	.11959	.12454
.701	9.983	.96912	1.04227	.84337	.93164	.47334	.44465	.50355	.07921	.08247	.08659
.701	11.940	.99360	1.06061	.87851	.96064	.42335	.41111	.44372	.04793	.05011	.05382
.700	13.869	1.00715	1.07261	.90509	.98445	.39841	.37748	.40522	.01934	.02044	.02347
.698	15.856	1.01033	1.07679	.92247	1.00122	.38209	.34411	.38975	-.00979	-.00949	-.00687
.697	17.909	1.00239	1.07275	.92842	1.01151	.32945	.31005	.34131	-.03684	-.03748	-.03569
	GRADIENT	.02897	.02830	.03246	.03197	-.02127	-.01627	-.02109	-.01838	-.01925	-.01944

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.800	-3.993	.68435	.75431	.50209	.58421	.69867	.73066	.69269	.36097	.38148	.38581
.800	-1.945	.75660	.82203	.57891	.65826	.66493	.71984	.66277	.32206	.33949	.34335
.800	-.103	.81306	.87639	.64127	.71924	.63585	.69562	.64238	.28681	.30209	.30537
.800	2.034	.87267	.93279	.70734	.78350	.59911	.65982	.61293	.24733	.26022	.26326
.800	3.997	.91802	.98012	.76125	.83940	.56679	.62635	.58823	.21135	.22219	.22569
.799	5.983	.95663	1.02190	.80912	.88943	.53567	.58483	.55748	.17499	.18393	.18858
.800	7.938	.98877	1.05499	.85116	.93242	.50245	.54492	.53707	.13924	.14498	.14927
.800	10.015	1.01757	1.08555	.89029	.97543	.47227	.50362	.52495	.10386	.10722	.11163
.800	11.935	1.03971	1.10077	.92455	1.00034	.46719	.46971	.47547	.07513	.07691	.08108
.800	13.922	1.05274	1.11307	.94944	1.02415	.44269	.43998	.42773	.04451	.04645	.04969
.800	15.918	1.05658	1.11908	.96704	1.04325	.40088	.40891	.37167	.01495	.01612	.01867
.800	17.964	1.05245	1.11873	.97581	1.05649	.33676	.36244	.32111	-.01254	-.01202	-.01110
	GRADIENT	.02922	.02817	.03239	.03184	-.01652	-.01347	-.01297	-.01873	-.01993	-.02005

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.850	-1.921	.78647	.85002	.60982	.68801	.68707	.74839	.70028	.34376	.36135	.36463
.850	.083	.84701	.90937	.67742	.75407	.65556	.71600	.67261	.30455	.31955	.32304
.849	1.911	.89658	.95683	.73302	.80827	.62525	.68064	.64915	.27070	.28310	.28647
.850	3.916	.94242	1.00312	.78777	.86281	.59182	.64314	.62243	.23383	.24398	.24756
.850	6.055	.98337	1.04524	.83633	.91454	.55709	.60238	.58942	.19447	.20319	.20797
.850	7.947	1.01407	1.07905	.87668	.95767	.52642	.56739	.56938	.15853	.16470	.16914
.850	10.052	1.04193	1.10895	.91469	1.00004	.49938	.53390	.54921	.12313	.12710	.13143
.850	11.914	1.06346	1.12417	.94817	1.02426	.48857	.49841	.50209	.09504	.09742	.10056
.850	13.904	1.07664	1.13658	.97265	1.04867	.46740	.45908	.44887	.06482	.06617	.06910
.850	15.960	1.08111	1.14322	.99122	1.06777	.41943	.43019	.39251	.03404	.03533	.03781
.850	17.893	1.07810	1.14328	1.00168	1.08127	.36288	.39263	.34282	.00662	.00784	.00859
.850	18.929	1.07257	1.14108	1.00315	1.08642	.33622	.37408	.31969	-.00562	-.00536	-.00569
	GRADIENT	.02675	.02620	.03048	.02992	-.01634	-.01815	-.01329	-.01880	-.02009	-.02005

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.901	-3.993	.75422	.81908	.57505	.65010	.74828	.80392	.76142	.41494	.43389	.43775
.901	-1.992	.81868	.89268	.64625	.71986	.71632	.77593	.73672	.37522	.39212	.39597
.902	-.031	.87655	.93897	.70907	.78291	.68634	.74409	.71336	.33771	.35242	.35617
.901	1.956	.92900	.98920	.76807	.83999	.65302	.70588	.68483	.29971	.31242	.31586
.899	3.998	.97444	1.03461	.82061	.89376	.61556	.66382	.65449	.26063	.27072	.27468
.900	5.974	1.00997	1.07128	.86502	.93932	.57978	.62890	.62686	.22378	.23299	.23814
.900	7.870	1.04217	1.10433	.90579	.98093	.54742	.59438	.59810	.18753	.19424	.19909
.899	9.976	1.06752	1.13393	.94194	1.02254	.51392	.55787	.57550	.15087	.15550	.16015
.900	11.929	1.09081	1.15076	.97750	1.04921	.49320	.52321	.53180	.12281	.12564	.12957
.899	13.877	1.10250	1.16229	1.00070	1.07198	.46173	.49271	.48022	.09102	.09319	.09682
.900	15.937	1.10947	1.17005	1.02024	1.09288	.43042	.44987	.41724	.06181	.06319	.06581
.900	17.933	1.10357	1.16934	1.02784	1.10568	.37437	.39079	.36271	.03436	.03476	.03546
	GRADIENT	.02763	.02697	.03075	.03047	-.01650	-.01758	-.01334	-.01927	-.02037	-.02039

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.948	-4.034	.79293	.85156	.61673	.68846	.78608	.83657	.80274	.45391	.47150	.47435
.950	-1.959	.85479	.91570	.68300	.75876	.75180	.80108	.77626	.41212	.42832	.43212
.949	-.034	.90964	.96944	.74379	.81847	.71754	.76510	.74896	.37446	.38899	.39222
.949	1.998	.96067	1.01898	.80155	.87477	.69007	.72341	.71917	.33647	.34787	.35157
.950	3.973	1.00358	1.06095	.85100	.92443	.65475	.68543	.69566	.30008	.30960	.31368
.951	6.040	1.04112	1.10047	.89787	.97214	.62412	.65648	.66732	.26167	.27008	.27473
.950	7.898	1.07241	1.13242	.93676	1.01346	.58979	.61985	.63768	.22411	.23047	.23502
.950	9.938	1.09452	1.15929	.97011	1.05127	.55838	.59845	.61626	.18798	.19245	.19632
.951	11.944	1.11868	1.17574	1.00510	1.07799	.53364	.55843	.56621	.15692	.15981	.16310
.950	13.959	1.13212	1.19015	1.03018	1.10380	.49474	.52503	.51175	.12395	.12603	.12961
.950	15.980	1.13761	1.19673	1.04879	1.12204	.45899	.48719	.44854	.09401	.09545	.09739
.949	17.944	1.13442	1.19708	1.05795	1.13561	.41172	.44801	.39635	.06579	.06631	.06621
	GRADIENT	.02640	.02615	.02940	.02945	-.01624	-.01902	-.01358	-.01920	-.02024	-.02012

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.981	-4.081	.81398	.87306	.63980	.71244	.80595	.85523	.82490	.47911	.49723	.50046
.980	-1.928	.87798	.93799	.70828	.78302	.77090	.81854	.79887	.43411	.45073	.45490
.978	-.014	.93005	.98795	.76499	.83909	.74167	.78097	.77338	.39687	.41050	.41458
.979	2.026	.98072	1.03763	.82252	.89505	.70746	.74214	.74780	.35822	.36973	.37295
.979	3.994	1.02273	1.07987	.87223	.94444	.67617	.70462	.71985	.32221	.33105	.33529
.979	5.991	1.05774	1.11772	.91528	.99036	.64327	.67311	.68699	.28297	.29159	.29592
.979	7.940	1.09088	1.14977	.95590	1.03105	.61091	.63933	.65859	.24470	.25104	.25537
.980	9.961	1.11600	1.17675	.99333	1.06863	.58467	.60236	.63425	.20769	.21238	.21634
.980	11.932	1.13725	1.19407	1.02382	1.09661	.55139	.56821	.58780	.17576	.17863	.18211
.979	13.945	1.15053	1.20635	1.04896	1.11994	.51681	.54544	.53474	.14238	.14484	.14795
.981	15.898	1.15582	1.21378	1.06707	1.13876	.48449	.51247	.47209	.11243	.11380	.11577
.979	17.969	1.15312	1.21574	1.07762	1.15403	.43713	.47585	.42189	.08140	.08226	.08208
	GRADIENT	.02590	.02555	.02882	.02867	-.01607	-.01878	-.01299	-.01939	-.02057	-.02051

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.051	-4.011	.87550	.93340	.70829	.77842	.85639	.90011	.87343	.53565	.55335	.55666
1.050	-1.942	.93544	.99126	.77146	.84162	.82352	.86811	.84708	.49286	.50864	.51166
1.049	-.019	.98665	1.04156	.82687	.89672	.79173	.83569	.82415	.45308	.46724	.47045
1.050	2.009	1.03236	1.08753	.88005	.94929	.76161	.80256	.79284	.41423	.42568	.42839
1.048	4.018	1.07577	1.12895	.92914	.99703	.73268	.76982	.76426	.37625	.38581	.38861
1.048	6.058	1.10859	1.16356	.96901	1.03989	.69931	.74058	.73475	.33471	.34324	.34733
1.049	7.995	1.13844	1.19340	1.00687	1.07776	.66790	.70529	.70217	.29622	.30215	.30692
1.050	10.014	1.16191	1.22328	1.04089	1.11818	.63915	.67498	.69169	.25601	.26080	.26526
1.049	11.998	1.18151	1.23706	1.07182	1.14156	.61100	.63856	.64232	.21867	.22154	.22512
1.049	13.933	1.19500	1.24965	1.09543	1.16456	.58148	.60811	.59296	.18190	.18483	.18801
1.051	15.966	1.20090	1.25781	1.11333	1.18440	.55063	.58310	.53491	.14904	.14725	.15073
1.050	17.958	1.19792	1.25848	1.12205	1.19739	.50627	.54883	.47898	.12137	.12182	.12223
	GRADIENT	.02486	.02436	.02750	.02723	-.01546	-.01630	-.01362	-.01986	-.02089	-.02096

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.101	-3.861	.92196	.97685	.75834	.82410	.89079	.93706	.91464	.57847	.59543	.59812
1.101	-1.934	.97359	1.03092	.81332	.88321	.86004	.90509	.89173	.53963	.55540	.55865
1.098	011	1.02305	1.07857	.86571	.93610	.83044	.87136	.86308	.50032	.51366	.51672
1.097	1.967	1.06624	1.12154	.91633	.98513	.80132	.83632	.83598	.46180	.47323	.47630
1.098	4.069	1.10851	1.16315	.96560	1.03374	.77060	.79733	.80239	.42169	.43090	.43405
1.102	6.028	1.14079	1.19815	1.00461	1.07631	.73976	.77121	.77658	.38382	.39194	.39649
1.101	7.940	1.17102	1.22634	1.04258	1.11281	.70928	.73504	.74438	.34335	.35002	.35447
1.099	10.041	1.19398	1.25116	1.07533	1.14719	.68230	.70019	.72682	.30181	.30639	.31010
1.101	11.953	1.21401	1.26913	1.10512	1.17462	.65822	.66733	.68521	.26541	.26826	.27214
1.100	13.871	1.22554	1.28002	1.12805	1.19522	.62875	.64063	.63657	.22845	.23068	.23409
1.101	15.911	1.23347	1.28716	1.14689	1.21384	.59326	.61160	.57459	.19455	.19581	.19771
1.101	17.912	1.23206	1.28878	1.15740	1.22738	.54839	.58076	.52469	.11601	.11615	.11128
	GRADIENT	.02355	.02342	.02618	.02636	-.01513	-.01763	-.01419	-.01980	-.02081	-.02077

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-3.928	.95204	1.01009	.78665	.85622	.90980	.95640	.94014	.58962	.60763	.61111
1.151	-1.962	1.00489	1.06177	.84242	.91332	.87726	.92046	.91062	.54729	.56341	.56707
1.151	.008	1.05453	1.11033	.89640	.96625	.84797	.88729	.88689	.50560	.51920	.52341
1.148	2.044	1.09745	1.15327	.94531	1.01466	.81652	.85002	.85354	.46318	.47492	.47857
1.149	4.047	1.13603	1.19179	.99069	1.06026	.78925	.81688	.82429	.42101	.43058	.43404
1.150	6.039	1.17010	1.22673	1.03076	1.10288	.75523	.78589	.78809	.37487	.38332	.38807
1.149	7.933	1.19829	1.25357	1.06715	1.13740	.72790	.75191	.75553	.32891	.33549	.33960
1.149	9.940	1.21986	1.27900	1.09763	1.17286	.70833	.72482	.74648	.28071	.28532	.28942
1.149	11.887	1.24226	1.29421	1.13080	1.19608	.68810	.69265	.71435	.23581	.23763	.24043
1.148	13.900	1.25549	1.30795	1.15492	1.22126	.65799	.67027	.66650	.17073	.17143	.17385
1.150	15.857	1.26201	1.31499	1.17340	1.23888	.61721	.63942	.60524	.12937	.13004	.13255
1.150	17.910	1.26167	1.31830	1.18518	1.25488	.55428	.59225	.51932	.09781	.09918	.09946
1.148	18.951	1.25874	1.31756	1.18782	1.25998	.50454	.56656	.47237	.08792	.08884	.08940
	GRADIENT	.02307	.02278	.02560	.02552	-.01512	-.01751	-.01447	-.02111	-.02218	-.02218

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.200	-4.012	.98145	1.03553	.81237	.87757	.91879	.96943	.95371	.58939	.60707	.61156
1.202	-1.980	1.03524	1.08875	.86916	.93461	.88304	.92852	.92420	.54127	.55782	.56175
1.201	-.016	1.08215	1.13484	.92090	.98635	.85791	.89825	.89342	.49579	.50967	.51360
1.201	2.000	1.12328	1.17649	.96746	1.03290	.82300	.86279	.86285	.44777	.45925	.46255
1.200	3.978	1.16117	1.21358	1.01070	1.07670	.79008	.83069	.82998	.39723	.40767	.41105
1.201	6.018	1.19604	1.25060	1.05341	1.12076	.76774	.80104	.79953	.33722	.34645	.35128
1.200	7.937	1.22110	1.27964	1.08538	1.15861	.74426	.77860	.77063	.27483	.28113	.28584
1.202	9.993	1.24315	1.30606	1.11735	1.19496	.71503	.75752	.76417	.22634	.23123	.23667
1.198	11.886	1.26137	1.31645	1.14609	1.21532	.69780	.73027	.73207	.19739	.19969	.20323
1.196	13.858	1.27697	1.33106	1.17234	1.23953	.67003	.70581	.67049	.16589	.16740	.17149
1.204	15.934	1.28778	1.34535	1.19478	1.26457	.62223	.65619	.58304	.14287	.14304	.14315
1.202	17.947	1.28805	1.34889	1.20661	1.28076	.55131	.60931	.49271	.11693	.11776	.11480
	GRADIENT	.02242	.02224	.02480	.02488	-.01591	-.01720	-.01547	-.02394	-.02492	-.02506

OA232 AEDC 16T TF431 LFN.15 RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	-4.010	1.02284	1.08437	.85145	.92590	.93706	.98401	.98033	.55400	.57320	.57693
1.301	-1.957	1.07331	1.14174	.90398	.98566	.91207	.95956	.95679	.48804	.50569	.50980
1.300	-.020	1.12474	1.18596	.95771	1.03566	.88885	.92997	.92231	.42631	.44184	.44709
1.299	1.989	1.16693	1.22728	1.00481	1.08190	.86504	.90556	.89474	.37790	.39147	.39740
1.300	4.021	1.20267	1.26242	1.04868	1.12461	.84007	.87766	.86311	.33388	.34530	.35161
1.299	6.015	1.23623	1.29943	1.08920	1.16861	.81173	.84900	.83565	.29090	.30160	.31138
1.300	7.960	1.26746	1.32557	1.13066	1.20379	.78962	.81435	.79876	.25842	.26721	.27552
1.300	9.999	1.29403	1.35228	1.16474	1.23921	.76970	.77927	.76181	.21087	.21686	.22518
1.301	11.906	1.32026	1.36755	1.20071	1.26105	.74428	.73313	.73147	.17757	.18033	.18508
1.300	13.940	1.33135	1.38144	1.22501	1.28901	.68991	.69839	.70081	.14509	.14876	.15436
1.299	15.926	1.34080	1.38826	1.24668	1.30515	.63142	.66035	.62558	.11570	.11960	.12337
1.299	17.954	1.34014	1.39017	1.25790	1.31952	.58899	.62133	.52834	.08818	.09462	.09531
	GRADIENT	.02265	.02207	.02475	.02467	-.01205	-.01333	-.01481	-.02750	-.02848	-.02814

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.401	-4.020	1.06585	1.11755	.88715	.95251	.96268	1.01002	1.00720	.53199	.54824	.55154
1.401	-1.993	1.11677	1.16907	.93882	1.00624	.94682	.99016	.98336	.47806	.49249	.49608
1.401	-.015	1.16636	1.21769	.98958	1.05661	.92323	.96706	.96057	.44233	.45526	.45798
1.402	1.977	1.20466	1.26194	1.03460	1.10758	.89316	.94006	.92276	.40022	.41101	.41248
1.399	4.008	1.24584	1.30695	1.08145	1.15947	.86241	.91855	.89523	.35191	.36375	.36703
1.400	6.072	1.27916	1.33798	1.12332	1.19993	.82745	.87871	.82536	.29902	.31036	.31441
1.401	8.039	1.30785	1.37003	1.16052	1.24019	.80010	.84239	.77399	.25164	.26314	.26927
1.400	10.071	1.32923	1.38887	1.19066	1.26925	.78014	.79007	.75401	.22086	.22888	.23310
1.402	11.999	1.35343	1.40911	1.22424	1.29413	.71977	.73820	.71940	.19351	.20135	.20300
1.401	14.063	1.36884	1.42297	1.25162	1.32097	.66460	.70073	.69454	.15137	.15842	.16502
1.401	15.966	1.37856	1.43435	1.27259	1.34245	.63293	.66471	.64314	.12207	.12506	.13127
1.399	18.004	1.38558	1.44226	1.29125	1.36260	.59567	.62028	.54130	.08665	.08893	.09409
	GRADIENT	.02236	.02355	.02419	.02573	-.01269	-.01163	-.01421	-.02188	-.02250	-.02260

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR006) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.548	-3.908	1.10485	1.15878	.91862	.98336	1.00091	1.03615	1.02605	.52138	.53558	.54029
1.548	-1.851	1.15304	1.20646	.97088	1.03571	.97826	1.01496	.99985	.47330	.48897	.49334
1.549	.114	1.19605	1.24982	1.01688	1.08113	.94795	.99492	.95914	.43303	.44611	.44890
1.549	2.104	1.23759	1.29269	1.06099	1.12882	.91108	.94690	.91090	.38261	.39744	.40245
1.550	4.150	1.27516	1.33021	1.10566	1.17375	.87786	.89685	.85078	.34010	.35622	.36513
1.551	6.220	1.31007	1.36786	1.14653	1.21893	.86492	.85571	.79613	.28516	.31343	.32855
1.552	8.091	1.33430	1.39555	1.17932	1.25361	.83255	.81889	.75777	.24408	.25603	.25795
1.551	10.026	1.36183	1.42573	1.21637	1.29397	.78133	.75874	.72290	.21093	.22378	.22126
1.547	11.923	1.38344	1.44378	1.24797	1.32231	.72948	.69518	.69172	.18389	.18851	.18019
1.546	13.900	1.40330	1.46422	1.27931	1.35265	.66009	.63686	.62112	.14664	.15604	.14919
1.552	15.908	1.41694	1.47915	1.30211	1.37831	.60228	.58664	.55511	.12299	.13356	.12081
1.549	17.898	1.41185	1.47563	1.31098	1.39128	.53882	.52506	.49424	.09457	.10253	.08175
	GRADIENT	.02118	.02139	.02313	.02361	-.01560	-.01727	-.02190	-.02258	-.02243	-.02198

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (HVR007) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.202	-1.929	.60086	.60278	.44658	.43816	.61150	.60997	.57123	.26498	.26604	.25689
.202	-.016	.66813	.67429	.51976	.51982	.57692	.56897	.53653	.23205	.23317	.22469
.202	2.003	.73408	.73384	.58648	.58442	.51658	.52764	.50386	.20011	.20339	.19565
.202	3.989	.78298	.78696	.64590	.64597	.46816	.47919	.46812	.15919	.15971	.15549
.201	6.053	.83090	.83276	.69710	.70143	.42227	.43645	.42861	.12161	.12147	.11722
	GRADIENT	.03095	.03093	.03360	.03477	-.02482	-.02193	-.01729	-.01767	-.01764	-.01685

OA232 AEDC 16T TF431 LFN.15 RA .2P/S INV (HVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.250	-1.734	.62222	.61762	.45969	.45955	.58161	.55824	.57276	.27849	.27902	.27191
.250	.144	.67741	.68348	.52541	.52524	.54459	.52761	.54431	.24176	.24375	.23734
.251	2.144	.73768	.74582	.59701	.59682	.51577	.49245	.51764	.20993	.20909	.20626
.250	4.003	.79489	.80093	.65721	.66131	.48470	.46329	.48229	.17018	.16936	.16722
.250	6.242	.83384	.84412	.70749	.71370	.45201	.42854	.44320	.13451	.13086	.13015
	GRADIENT	.03008	.03184	.03455	.03521	-.01661	-.01665	-.01549	-.01854	-.01890	-.01794

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.404	-1.870	.64207	.64187	.47617	.48080	.60433	.61523	.58251	.28258	.28796	.27843
.404	.085	.70868	.70960	.54772	.55007	.55555	.58354	.55207	.24772	.25276	.24439
.405	2.152	.76655	.77199	.61422	.62226	.51040	.54165	.51718	.20749	.21065	.20535
.399	4.167	.82021	.82462	.67657	.68367	.47158	.49427	.47972	.17310	.17485	.17096
.398	6.117	.86202	.86643	.72757	.73234	.44372	.45117	.45305	.13494	.13753	.13441
	GRADIENT	.02934	.03025	.03308	.03374	-.02197	-.02007	-.01702	-.01828	-.01891	-.01792

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.599	-1.963	.69596	.69677	.52206	.52831	.61490	.62428	.59572	.29789	.30146	.29270
.599	.091	.76003	.76392	.59534	.60213	.58739	.58330	.56458	.25886	.26008	.25389
.599	2.060	.81763	.82359	.65893	.66885	.56550	.54219	.53023	.22013	.22020	.21625
.599	4.128	.86932	.87474	.71979	.72920	.57126	.50018	.49603	.18133	.18007	.17732
.599	6.169	.91269	.91912	.77348	.78236	.54839	.45785	.45530	.14375	.14186	.13964
	GRADIENT	.02854	.02932	.03245	.03307	-.00753	-.02042	-.01647	-.01919	-.01996	-.01896

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.800	-1.822	.79394	.79438	.61935	.62603	.67686	.68413	.65767	.33721	.33920	.33285
.799	.082	.84934	.85428	.68228	.69173	.64456	.64335	.63372	.29918	.30029	.29650
.800	2.136	.90339	.90830	.74253	.75405	.61472	.60976	.60668	.25852	.25842	.25659
.800	4.197	.95009	.95706	.79794	.81120	.59802	.57534	.57924	.21900	.21757	.21736
.800	6.281	.99317	1.00013	.84987	.86351	.58481	.53986	.55387	.18040	.17890	.17834
	GRADIENT	.02596	.02692	.02961	.03069	-.01321	-.01819	-.01305	-.01965	-.02022	-.01921

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (HVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.850	-1.940	.82035	.82073	.64767	.65324	.69790	.70602	.69298	.36013	.36181	.35613
.850	.144	.88056	.88286	.71397	.72279	.66263	.66554	.66450	.31792	.31955	.31634
.850	2.202	.93210	.93731	.77279	.78486	.63231	.63129	.64260	.27802	.27809	.27606
.850	4.246	.97767	.98545	.82714	.84019	.62092	.59817	.61567	.23884	.23821	.23726
.850	6.335	1.01948	1.02528	.87775	.88916	.60453	.56244	.58542	.19956	.19802	.19782
	GRADIENT	.02540	.02662	.02897	.03022	-.01268	-.01736	-.01231	-.01959	-.02000	-.01925

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.900	-1.931	.85358	.85422	.68293	.68910	.72568	.73156	.72865	.39035	.39247	.38641
.900	.161	.91070	.91284	.74553	.75506	.69165	.69597	.69950	.34754	.34870	.34538
.900	2.233	.96245	.96732	.80407	.81574	.66183	.66033	.67517	.30700	.30730	.30560
.900	4.321	1.00654	1.01414	.85786	.87045	.62681	.62406	.64534	.26601	.26536	.26498
.900	6.393	1.04677	1.05344	.90695	.91895	.59511	.59080	.61577	.22721	.22641	.22592
	GRADIENT	.02452	.02565	.02801	.02904	-.01567	-.01720	-.01317	-.01986	-.02030	-.01940

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.950	-1.845	.89161	.89104	.72258	.72959	.75755	.76319	.79555	.42626	.42799	.42322
.949	.191	.94459	.94861	.78421	.79324	.72682	.72925	.76050	.38537	.38591	.38345
.949	2.270	.99477	.99964	.83981	.85145	.69459	.69266	.71877	.34275	.34268	.34175
.949	4.361	1.03853	1.04425	.89211	.90375	.66567	.65678	.68348	.30197	.30138	.30054
.949	6.385	1.07591	1.08393	.93860	.95170	.62935	.62273	.65295	.26241	.26226	.26161
	GRADIENT	.02372	.02467	.02725	.02805	-.01487	-.01719	-.01826	-.02008	-.02044	-.01980

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.981	-1.847	.91239	.91181	.74658	.75199	.77940	.78016	.78548	.44955	.45062	.44562
.979	.196	.96521	.96798	.80486	.81393	.74655	.74502	.78040	.40700	.40795	.40556
.979	2.283	1.01383	1.01883	.86031	.87105	.71398	.71411	.73997	.36506	.36503	.36395
.979	4.387	1.05791	1.06373	.91193	.92438	.68224	.67644	.70572	.32367	.32305	.32234
.979	6.418	1.09526	1.10192	.95816	.97090	.65108	.64188	.67683	.28333	.28249	.28233
	GRADIENT	.02333	.02436	.02652	.02762	-.01559	-.01645	-.01348	-.02018	-.02047	-.01979

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (HVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.049	-1.880	.96720	.96777	.80582	.81302	.83488	.83332	.83924	.50664	.50851	.50293
1.048	.124	1.01766	1.01970	.86201	.87039	.80221	.80032	.81189	.46456	.46501	.46180
1.051	2.223	1.06554	1.06991	.91610	.92771	.77273	.76875	.78592	.42287	.42288	.42145
1.051	4.323	1.10600	1.11153	.96424	.97615	.74149	.73158	.75586	.37962	.37901	.37826
1.051	6.472	1.14254	1.15014	1.01052	1.02276	.70680	.69565	.72003	.33512	.33437	.33401
	GRADIENT	.02241	.02324	.02555	.02639	-.01495	-.01627	-.01333	-.02041	-.02079	-.02001

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.101	-1.920	1.00750	1.00774	.85127	.85530	.87071	.86817	.88301	.55216	.55365	.54826
1.098	.082	1.05326	1.05489	.90140	.90772	.84150	.83638	.85384	.51151	.51184	.50888
1.101	2.167	1.09962	1.10320	.95381	.96180	.81487	.80184	.82492	.46768	.46788	.46624
1.100	4.279	1.13953	1.14564	1.00101	1.01183	.78222	.76859	.79454	.42493	.42425	.42336
1.098	6.344	1.17426	1.17980	1.04317	1.05317	.75092	.73046	.76213	.38388	.38345	.38255
	GRADIENT	.02138	.02233	.02425	.02531	-.01412	-.01611	-.01423	-.02057	-.02089	-.02018

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-1.979	1.03810	1.03721	.87856	.88364	.88685	.88495	.93352	.56209	.56361	.55924
1.149	.012	1.08422	1.08636	.93000	.93759	.85765	.85432	.87751	.51956	.51985	.51621
1.151	2.154	1.12828	1.13261	.98013	.98992	.83038	.81983	.84246	.47137	.47109	.46911
1.149	4.267	1.16805	1.17321	1.02608	1.03728	.80131	.78295	.80870	.42434	.42385	.42288
1.149	6.306	1.20191	1.20789	1.06892	1.07984	.76840	.74697	.77579	.37828	.37731	.37578
	GRADIENT	.02077	.02174	.02359	.02457	-.01359	-.01631	-.01957	-.02210	-.02242	-.02185

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.201	-1.981	1.06202	1.06250	.90065	.90675	.89736	.89660	.91527	.55753	.55912	.55408
1.199	.093	1.11046	1.11256	.95314	.96118	.86644	.86072	.88822	.50846	.50867	.50553
1.198	2.179	1.15347	1.15801	1.00124	1.01203	.84277	.82497	.85362	.45685	.45613	.45381
1.198	4.250	1.19201	1.19735	1.04583	1.05797	.81500	.79269	.81983	.40257	.40102	.39878
1.199	6.371	1.22658	1.23328	1.08993	1.10207	.80846	.76221	.78870	.34064	.33762	.33483
	GRADIENT	.02083	.02165	.02327	.02428	-.01303	-.01678	-.01544	-.02485	-.02535	-.02491

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (HVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.299	-1.929	1.11314	1.10439	.94640	.94361	.92932	.91836	.93529	.50680	.50744	.50161
1.299	.039	1.16180	1.15391	.99846	.99655	.91465	.89097	.91282	.44522	.44451	.44051
1.301	2.123	1.20287	1.19872	1.04637	1.04764	.89686	.86481	.88089	.39535	.39279	.39071
1.300	4.246	1.23977	1.23735	1.09138	1.09410	.87867	.83534	.85088	.35054	.34717	.34557
1.299	6.301	1.27439	1.27138	1.13353	1.13480	.84838	.80184	.82232	.30351	.29992	.29899
	GRADIENT	.02040	.02150	.02341	.02437	-.00824	-.01335	-.01385	-.02513	-.02580	-.02509

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.401	-2.028	1.14684	1.14732	.97370	.98210	.96222	.95029	.97470	.49171	.49494	.49356
1.399	.076	1.19367	1.20013	1.02465	1.03620	.94086	.92748	.94847	.44202	.44541	.44670
1.399	2.205	1.23696	1.24541	1.07170	1.08640	.92132	.89590	.91865	.39509	.39750	.39926
1.398	4.281	1.28524	1.28940	1.12446	1.13433	.90580	.85765	.90627	.34023	.34321	.34707
1.400	6.338	1.31306	1.32150	1.16213	1.17715	.86371	.81363	.83813	.31610	.31882	.31904
	GRADIENT	.02177	.02240	.02371	.02408	-.00897	-.01469	-.01117	-.02381	-.02389	-.02312

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.549	-2.124	1.18809	1.19055	1.00996	1.01987	1.00362	.98879	1.00762	.48436	.48716	.49027
1.550	-.045	1.22666	1.23194	1.05170	1.06415	.97264	.95651	.96179	.43419	.43834	.44439
1.549	2.045	1.26827	1.27386	1.09619	1.10896	.94981	.91878	.91336	.37978	.38611	.39342
1.549	4.167	1.30728	1.31447	1.14345	1.15596	.90798	.88600	.85903	.33717	.34327	.34828
1.550	6.159	1.34122	1.34775	1.18188	1.19500	.84590	.85719	.80498	.30866	.31785	.32274
	GRADIENT	.01904	.01973	.02123	.02161	-.01478	-.01651	-.02358	-.02365	-.02308	-.02275

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	8.038	1.29210	1.30206	1.15758	1.17358	.82738	.78371	.79382	.26477	.25941	.25684
1.300	11.908	1.33714	1.34942	1.22033	1.23723	.69787	.70723	.68045	.18631	.18298	.18386
1.299	15.903	1.35119	1.36983	1.25833	1.28220	.61236	.63177	.65770	.12583	.12471	.12993
1.299	17.967	1.35463	1.37758	1.27428	1.30247	.58496	.58958	.60426	.09523	.09628	.10304
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.319	7.955	1.30058	1.31081	1.16367	1.17878	.83742	.79122	.80304	.25352	.25030	.24802
1.319	11.997	1.34048	1.35417	1.22394	1.24225	.68334	.70624	.66712	.19623	.18952	.18733
1.320	16.006	1.36237	1.37974	1.26749	1.28949	.62916	.62459	.66100	.12900	.12204	.11917
1.320	18.010	1.36468	1.38723	1.28275	1.30963	.56822	.59006	.60610	.09904	.09758	.10037
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.340	7.977	1.30915	1.31704	1.17069	1.18404	.83233	.79118	.80009	.26163	.25707	.25364
1.340	12.002	1.34791	1.35636	1.23172	1.24477	.68058	.70995	.67104	.17657	.17261	.16947
1.337	16.034	1.36902	1.38836	1.27373	1.29856	.63533	.62646	.65850	.11657	.11461	.11395
1.335	18.010	1.37120	1.39427	1.28712	1.31367	.56241	.59886	.61113	.10461	.09577	.08621
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.360	7.980	1.31559	1.32602	1.17742	1.19357	.82814	.79059	.78544	.27258	.26858	.26585
1.360	11.974	1.35839	1.37229	1.23691	1.25658	.68982	.72987	.67855	.19215	.18711	.18157
1.360	16.056	1.38135	1.39778	1.28314	1.30505	.61613	.63478	.66301	.12377	.11998	.11894
1.361	17.986	1.38314	1.40359	1.29835	1.32228	.58260	.60123	.61318	.08504	.08036	.07883
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.378	7.985	1.32947	1.33875	1.18814	1.20372	.83797	.79928	.78754	.27071	.27205	.27352
1.380	11.946	1.37268	1.38393	1.24866	1.26681	.69168	.73411	.67761	.18902	.18820	.18621
1.381	16.045	1.39510	1.41357	1.29501	1.31753	.60392	.63924	.66178	.12929	.12166	.11650
1.381	17.961	1.40076	1.41972	1.31303	1.33633	.59154	.60699	.61662	.09777	.08850	.08441
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.400	7.991	1.34169	1.34583	1.19723	1.20766	.80989	.79694	.77577	.27269	.27347	.27101
1.400	11.952	1.37961	1.38745	1.25658	1.26759	.68313	.74451	.67476	.19459	.19615	.19168
1.401	16.014	1.40682	1.41150	1.30653	1.31639	.58345	.64551	.66310	.11619	.11795	.11482
1.399	17.971	1.41042	1.42023	1.32163	1.33520	.58164	.59907	.61413	.09458	.09409	.08953
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.450	7.985	1.35062	1.35418	1.20818	1.21489	.79829	.80479	.77390	.25253	.26259	.26538
1.449	11.857	1.39365	1.39920	1.26891	1.27763	.67396	.75194	.67732	.18308	.19172	.19135
1.451	16.025	1.41490	1.42560	1.31442	1.32717	.58019	.64810	.66372	.11373	.12209	.11694
1.451	18.092	1.42152	1.43480	1.33331	1.34750	.57854	.60032	.62746	.07923	.08239	.07600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.201	-1.766	.58381	.59850	.42954	.44227	.56028	.54544	.60285	.26731	.26998	.26715
.201	2.228	.72932	.73532	.58478	.58672	.50590	.47838	.56520	.19309	.19225	.19227
.201	6.192	.83473	.84071	.70632	.70823	.44457	.42969	.50649	.12657	.12577	.12435
.201	10.191	.89258	.89424	.78344	.78105	.37142	.36725	.39696	.06041	.05895	.05895
.200	14.198	.92803	.94271	.84369	.85210	.32056	.39012	.30522	.00374	-.00202	.00014
.201	18.204	.90883	.93607	.86002	.87255	.30284	.28158	.26217	-.04435	-.04429	-.04430
	GRADIENT	.03644	.03426	.03887	.03617	-.01362	-.01679	-.00943	-.01859	-.01946	-.01875

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.397	-1.964	.62691	.63837	.46072	.47592	.57743	.56463	.58184	.28341	.28675	.28206
.399	2.089	.76414	.77074	.61363	.61928	.52004	.50267	.51743	.21287	.21157	.20886
.400	6.076	.86286	.86706	.73139	.73465	.45731	.43763	.45475	.14421	.14218	.14064
.399	10.062	.92478	.93363	.81400	.81958	.37778	.37439	.37643	.07309	.07266	.07189
.399	14.055	.95026	.96612	.86516	.87541	.30590	.35162	.29406	.01427	.01311	.01311
.398	18.049	.94226	.96524	.88498	.90231	.26208	.28331	.23730	-.04030	-.04025	-.04025
	GRADIENT	.03385	.03265	.03772	.03537	-.01416	-.01528	-.01589	-.01740	-.01855	-.01806

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.599	-1.951	.68625	.69834	.51247	.53048	.58973	.62680	.62004	.29320	.30096	.29597
.600	2.115	.81865	.82440	.65988	.66948	.52810	.55977	.58458	.21641	.21884	.21697
.601	6.089	.91274	.91636	.77305	.77949	.46470	.48183	.52925	.14525	.14533	.14466
.600	10.078	.97523	.99039	.85650	.86295	.39268	.41454	.42351	.07567	.07564	.07581
.600	14.086	1.00210	1.01294	.90921	.91876	.36489	.35154	.34918	.01197	.01129	.01198
.598	18.076	.99658	1.01632	.93237	.95028	.34060	.28657	.33471	-.04446	-.04475	-.04458
	GRADIENT	.03257	.03101	.03626	.03419	-.01516	-.01649	-.00872	-.01889	-.02020	-.01943

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.699	-1.936	.72732	.73931	.55198	.57163	.61299	.64417	.64858	.30821	.31363	.31009
.702	2.061	.85632	.86039	.69558	.70563	.55211	.58063	.60354	.23190	.23243	.23095
.703	6.114	.95001	.95320	.80970	.81520	.48807	.51536	.55930	.15682	.15617	.15632
.701	10.066	1.01031	1.01594	.89076	.89829	.43957	.44753	.47639	.08773	.08700	.08700
.700	14.084	1.03837	1.04934	.94346	.95470	.39873	.37906	.42160	.02238	.02129	.02184
.697	18.070	1.03481	1.05208	.96749	.98460	.35437	.31255	.31727	-.03463	-.03500	-.03363
	GRADIENT	.03228	.03029	.03593	.03353	-.01523	-.01590	-.01127	-.01909	-.02032	-.01980

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.801	-1.983	.78092	.79189	.60535	.62484	.69225	.68107	.70914	.33753	.33971	.33675
.800	1.919	.89777	.90215	.73763	.74746	.67116	.61337	.62465	.26219	.26027	.25879
.800	5.912	.99020	.99037	.84635	.85198	.57663	.54068	.58708	.18642	.18410	.18434
.800	9.967	1.04923	1.05456	.92806	.93574	.53493	.46913	.51002	.11360	.11249	.11203
.600	13.967	1.08023	1.08937	.98188	.99337	.43367	.40253	.44456	.04914	.04726	.04796
.799	18.030	1.08130	1.09776	1.01167	1.02944	.34178	.32900	.34508	-.00979	-.01162	-.00965
	GRADIENT	.02995	.02826	.03390	.03143	-.00541	-.01735	-.02165	-.01931	-.02036	-.01998

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.900	-1.953	.84466	.85700	.67273	.69354	.73262	.73103	.73649	.38757	.39044	.38773
.900	1.965	.95592	.96028	.79804	.80844	.71163	.66217	.65977	.31167	.30972	.30863
.900	5.944	1.04219	1.04436	.90078	.90809	.63327	.59798	.60771	.23511	.23383	.23314
.900	9.984	1.09998	1.10546	.97947	.98798	.55831	.53535	.55863	.16301	.16199	.16160
.900	13.992	1.13126	1.14100	1.03438	1.04562	.50599	.47414	.49293	.09571	.09514	.09515
.900	17.996	1.13093	1.14859	1.06182	1.08006	.38519	.40146	.37525	.03908	.03724	.03846
	GRADIENT	.02840	.02636	.03199	.02933	-.00536	-.01758	-.01958	-.01938	-.02061	-.02019

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.950	-1.973	.87840	.88860	.70968	.72765	.76412	.76349	.80585	.42660	.42908	.42643
.950	1.989	.98791	.99055	.83236	.84161	.73868	.69388	.69733	.34946	.34805	.34617
.950	6.006	1.07335	1.07363	.93455	.93974	.67403	.62535	.65373	.27098	.26954	.26889
.950	9.980	1.12843	1.13243	1.00869	1.01644	.61560	.55602	.59537	.19685	.19633	.19606
.950	14.007	1.15897	1.16757	1.06297	1.07330	.52526	.48965	.52326	.12979	.12798	.12866
.950	17.985	1.16118	1.17702	1.09155	1.10855	.41196	.41527	.42533	.06975	.06807	.07010
	GRADIENT	.02764	.02573	.03096	.02877	-.00642	-.01757	-.02739	-.01947	-.02045	-.02026

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.980	-2.021	.90036	.90857	.73297	.74958	.78617	.78530	.83458	.44981	.45229	.44953
.979	2.041	1.00818	1.01017	.85334	.86290	.75900	.71455	.71309	.36938	.36837	.36634
.980	6.025	1.09098	1.09236	.95332	.95948	.69345	.64419	.66668	.29211	.29030	.28949
.980	9.998	1.14653	1.15040	1.02832	1.03586	.63198	.57542	.61452	.21696	.21569	.21552
.980	14.003	1.17807	1.18502	1.08202	1.09123	.54968	.51162	.54461	.14732	.14573	.14611
.980	18.003	1.18076	1.19528	1.11120	1.12684	.43438	.43676	.44594	.08559	.08395	.08564
	GRADIENT	.02655	.02501	.02963	.02790	-.00669	-.01742	-.02991	-.01980	-.02066	-.02048

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.050	-1.995	.95870	.96705	.79647	.81368	.84721	.83801	.86421	.50679	.50947	.50647
1.049	2.060	1.06284	1.06404	.91296	.92096	.81738	.76904	.78437	.42459	.42320	.42127
1.049	6.072	1.14214	1.14270	1.00833	1.01393	.73686	.70036	.73853	.34268	.34125	.34030
1.050	10.045	1.19309	1.19687	1.07843	1.08517	.68847	.62954	.66623	.26281	.26184	.26157
1.050	14.074	1.22251	1.23012	1.12767	1.13853	.60871	.57252	.61459	.18610	.18430	.18452
1.049	18.029	1.22611	1.23936	1.15745	1.17218	.51744	.50871	.52220	.12358	.12192	.12421
	GRADIENT	.02568	.02592	.02873	.02646	-.00736	-.01701	-.01969	-.02027	-.02128	-.02101

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.100	-2.011	.99743	1.00633	.83870	.85619	.88207	.87576	.89877	.55048	.55417	.55118
1.099	2.052	1.09607	1.09920	.94952	.95895	.85197	.80728	.80916	.46980	.46897	.46731
1.100	6.005	1.17171	1.17251	1.03928	1.04552	.77233	.74509	.76590	.38961	.38828	.38736
1.100	10.024	1.22353	1.22773	1.10986	1.11752	.69644	.68119	.69578	.30873	.30831	.30701
1.100	14.083	1.25234	1.26083	1.15812	1.16978	.65785	.64056	.66638	.23000	.22936	.22891
1.100	18.076	1.25557	1.27122	1.18683	1.20365	.61085	.60244	.57669	.10861	.10806	.10224
	GRADIENT	.02428	.02286	.02728	.02529	-.00741	-.01686	-.02206	-.01986	-.02097	-.02064

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.148	-1.987	1.02607	1.03500	.86526	.88313	.89411	.88966	.91930	.56056	.56415	.56197
1.149	2.086	1.12497	1.12771	.97509	.98540	.86522	.82521	.82981	.47459	.47386	.47214
1.151	6.046	1.19985	1.20031	1.06393	1.07081	.79029	.75660	.78097	.38627	.38525	.38464
1.151	10.040	1.25006	1.25356	1.13268	1.14012	.75013	.70515	.73076	.29282	.29271	.29199
1.150	14.088	1.27936	1.28817	1.18381	1.19489	.68758	.66709	.68944	.17659	.17320	.17182
1.150	18.062	1.28463	1.29984	1.21270	1.23017	.56894	.59651	.56920	.10425	.10046	.10261
	GRADIENT	.02428	.02276	.02697	.02511	-.00709	-.01583	-.02198	-.02111	-.02217	-.02206

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.200	-1.998	1.05569	1.06003	.89101	.90438	.90393	.89821	.93429	.55458	.55772	.55514
1.200	2.045	1.14819	1.14811	.99563	1.00187	.87178	.83129	.83084	.45826	.45782	.45605
1.199	6.060	1.22179	1.21948	1.08405	1.08589	.80296	.77203	.79487	.35118	.35011	.34841
1.199	10.055	1.27403	1.27497	1.15327	1.15891	.76824	.73046	.75088	.24457	.24239	.24214
1.200	14.080	1.30270	1.30965	1.20318	1.21291	.69482	.68190	.69308	.16736	.16524	.16626
1.200	18.036	1.31491	1.32705	1.23897	1.25252	.55203	.59546	.56951	.11564	.11785	.11978
	GRADIENT	.02287	.02178	.02587	.02411	-.00795	-.01655	-.02558	-.02382	-.02470	-.02450

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	-1.999	1.09909	1.11530	.93066	.95674	.94931	.93250	.95575	.50392	.50722	.50485
1.300	2.014	1.19028	1.20121	1.03416	1.05207	.91425	.87107	.88856	.39055	.38871	.38759
1.300	5.952	1.26070	1.27304	1.11800	1.13588	.85070	.82142	.82882	.30614	.30012	.29716
1.300	9.980	1.31468	1.32583	1.18821	1.20520	.74997	.77137	.72872	.22424	.22041	.21898
1.300	14.018	1.34720	1.36270	1.24351	1.26340	.62525	.71074	.68462	.15426	.15454	.15639
1.300	18.041	1.35329	1.37716	1.27462	1.30201	.54330	.62840	.58955	.09355	.09600	.10277
	GRADIENT	.02273	.02141	.02579	.02376	-.00874	-.01531	-.01674	-.02825	-.02953	-.02922

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.550	-1.888	1.17357	1.17739	.99446	1.00686	.98692	.99520	.99052	.48242	.48248	.48094
1.550	2.047	1.26264	1.26384	1.09003	1.09918	.91079	.94057	.90681	.38953	.38702	.38400
1.550	6.027	1.33755	1.33904	1.17811	1.18470	.80424	.87684	.79398	.31726	.31840	.31315
1.549	10.107	1.39404	1.39613	1.25432	1.26088	.71118	.80372	.71048	.22678	.23454	.23087
1.550	14.069	1.44253	1.44806	1.32183	1.32899	.58516	.64452	.62942	.16012	.16749	.16519
1.549	18.098	1.45012	1.46073	1.35647	1.36743	.44738	.50078	.56305	.09908	.10620	.09659
	GRADIENT	.02263	.02197	.02429	.02346	-.01935	-.01388	-.02127	-.02361	-.02426	-.02464

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.219	8.054	1.23236	1.29425	1.09513	1.17538	.79430	.76620	.76996	.27366	.27750	.28127
1.219	11.957	1.27020	1.33311	1.15361	1.23367	.75497	.73782	.73925	.19432	.19713	.20147
1.220	16.095	1.28745	1.35597	1.19411	1.27920	.64645	.66258	.57658	.13842	.13715	.13471
1.218	18.084	1.29173	1.36009	1.20885	1.29498	.61079	.62901	.51069	.11455	.11458	.10917
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.240	8.054	1.23616	1.29706	1.09987	1.17747	.79828	.76845	.76808	.26452	.26890	.27292
1.240	11.968	1.28076	1.34637	1.16256	1.24466	.74251	.72865	.72362	.19824	.20133	.20341
1.238	15.977	1.29516	1.36556	1.19981	1.28784	.65081	.66713	.58783	.14011	.14304	.14169
1.239	18.079	1.29619	1.36864	1.21348	1.30319	.60921	.62837	.52319	.10792	.11115	.10514
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.260	8.045	1.24343	1.30380	1.10476	1.18206	.81187	.78391	.78701	.24164	.24544	.24905
1.259	11.981	1.28503	1.35203	1.16592	1.24956	.74202	.73993	.72883	.18724	.18808	.18751
1.258	15.984	1.30405	1.37725	1.20683	1.29821	.65205	.66659	.56522	.12712	.12801	.12305
1.258	18.096	1.30409	1.37871	1.22009	1.31369	.61791	.62626	.53060	.10161	.10106	.09021
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.280	8.039	1.24916	1.31149	1.10921	1.18786	.82046	.79428	.79795	.25442	.26170	.26811
1.280	11.999	1.28915	1.36037	1.16825	1.25782	.73591	.74312	.72159	.18882	.19120	.19499
1.280	15.970	1.31066	1.38706	1.21213	1.30834	.65483	.66694	.57154	.12782	.13083	.12959
1.279	18.105	1.30849	1.39013	1.22272	1.32387	.61342	.61390	.50231	.09301	.09702	.09151
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	8.026	1.25707	1.31786	1.11681	1.19296	.83095	.80406	.80510	.25493	.26399	.27306
1.300	11.917	1.29956	1.37226	1.17608	1.26758	.74023	.75056	.73033	.18133	.18821	.19562
1.300	15.977	1.31649	1.39336	1.21673	1.31302	.64610	.66247	.57449	.12639	.13198	.13421
1.301	18.072	1.31827	1.39984	1.23085	1.33214	.60449	.60729	.51667	.09844	.10492	.10686
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.320	8.006	1.27169	1.33319	1.12744	1.20514	.83649	.80766	.80091	.25272	.26118	.27081
1.321	12.016	1.30972	1.37842	1.18584	1.27327	.73209	.74238	.72423	.18109	.18871	.19725
1.319	15.986	1.32900	1.40404	1.22639	1.32118	.64158	.66350	.58281	.11439	.11904	.12571
1.321	18.067	1.33042	1.41060	1.24179	1.34025	.60112	.60796	.49590	.09568	.09986	.10324
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.341	8.001	1.28298	1.34731	1.13715	1.21934	.84018	.81780	.79560	.25738	.26560	.27547
1.340	12.007	1.31710	1.38954	1.19127	1.28339	.73274	.74913	.73062	.18369	.19172	.20375
1.340	15.979	1.34005	1.41958	1.23481	1.33515	.63748	.65439	.58535	.11167	.11956	.13233
1.340	18.098	1.34031	1.42377	1.24957	1.35210	.60257	.59759	.51747	.08539	.08936	.09512
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (HVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.360	7.994	1.29074	1.35148	1.14577	1.22324	.83957	.82318	.78571	.26075	.26879	.27514
1.360	11.935	1.32918	1.39877	1.20117	1.28971	.73728	.75097	.73774	.17650	.18534	.19680
1.360	15.984	1.34974	1.42395	1.24482	1.33829	.63856	.65366	.58586	.11459	.11871	.12874
1.360	18.040	1.35376	1.43143	1.26082	1.35863	.60589	.59778	.49337	.07670	.08362	.09565
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.380	7.981	1.30137	1.36111	1.15956	1.23543	.83132	.81754	.77299	.26131	.26848	.27099
1.379	11.967	1.34264	1.40658	1.21335	1.29655	.73922	.75751	.74168	.17965	.18687	.19404
1.381	15.941	1.36576	1.43666	1.25878	1.34720	.63352	.65801	.58122	.11494	.11934	.12477
1.381	18.045	1.37010	1.44254	1.27584	1.36638	.60012	.59531	.47256	.07701	.08554	.09909
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.401	7.957	1.30885	1.37131	1.16449	1.24391	.83297	.82752	.77448	.26402	.27260	.27311
1.400	11.908	1.35293	1.41241	1.22369	1.29981	.72907	.75017	.73154	.17666	.18586	.19016
1.399	15.912	1.37471	1.43680	1.27063	1.34859	.62723	.65069	.60766	.11249	.11500	.11731
1.401	18.020	1.37589	1.44496	1.28459	1.36870	.59132	.58403	.50881	.08787	.09021	.08935
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.450	7.958	1.32055	1.38030	1.17309	1.24862	.83315	.83999	.77649	.26238	.27228	.27240
1.450	11.985	1.36398	1.42339	1.23342	1.30896	.72870	.75905	.73633	.18145	.19069	.18870
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.450	16.008	1.38266	1.45122	1.27646	1.36145	.63873	.65585	.60602	.10595	.11084	.10589
1.449	17.954	1.38849	1.46073	1.29321	1.38246	.60270	.59172	.52162	.07371	.08198	.07855
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

0A232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.200	-1.724	.60132	.61559	.44204	.45915	.56486	.56683	.65247	.26101	.26696	.26627
.202	.162	.66964	.68153	.51865	.53129	.53582	.52928	.63940	.22779	.23233	.23235
.202	2.150	.73431	.74186	.59404	.60241	.50924	.49633	.62126	.19712	.20173	.20034
.200	4.102	.79564	.79676	.65117	.65965	.47462	.45938	.57538	.15505	.15477	.15478
.199	6.155	.84304	.84629	.71277	.71695	.44605	.43506	.53019	.12643	.12839	.12551
.200	8.172	.87080	.87613	.75451	.75650	.40603	.40376	.53038	.09472	.09315	.09172
.200	10.191	.90624	.90724	.79793	.79776	.37599	.38020	.46000	.06209	.06130	.06131
.200	12.186	.92074	.92817	.82358	.83418	.34051	.33826	.36823	.03485	.03340	.03412
.200	14.194	.91762	.93361	.83587	.84858	.30953	.30084	.33716	-.00290	-.00284	-.00141
.199	16.200	.92987	.94394	.85546	.87276	.29829	.27635	.30020	-.03189	-.03104	-.03105
	GRADIENT	.03326	.03100	.03608	.03454	-.01527	-.01824	-.01283	-.01790	-.01886	-.01883

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.250	-3.986	.52479	.54176	.36314	.38029	.60250	.59622	.61943	.31505	.32634	.31990
.251	-2.079	.60550	.61376	.44271	.45758	.58412	.55857	.58168	.28195	.28962	.28322
.251	-.007	.68141	.68532	.52752	.53164	.55309	.52758	.54853	.24580	.25205	.24708
.252	1.932	.74350	.74950	.59863	.60484	.52811	.49839	.52357	.21318	.21588	.21235
.253	3.917	.79560	.79518	.65472	.65662	.48821	.46097	.48164	.17519	.17929	.17580
.254	5.951	.84245	.84410	.71447	.71425	.45790	.43070	.45136	.14338	.14540	.14191
.253	7.977	.88015	.88391	.76213	.76189	.42402	.39668	.41747	.10935	.11140	.11000
.252	10.002	.90473	.90851	.79631	.80032	.38695	.36788	.38037	.07653	.07863	.07579
.251	11.976	.92978	.93789	.83328	.83947	.35352	.34287	.34260	.04527	.04813	.04527
.252	13.990	.93516	.94748	.85207	.86249	.30891	.31756	.29808	.01461	.01676	.01676
.253	16.030	.93106	.94753	.86129	.87800	.28371	.31352	.24962	-.01422	-.00923	-.01206
	GRADIENT	.03429	.03242	.03730	.03531	-.01437	-.01668	-.01684	-.01759	-.01856	-.01812

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.399	-1.885	.64108	.65548	.47702	.49683	.57794	.58596	.66636	.28341	.29031	.28721
.399	.013	.70903	.71512	.54928	.56198	.55178	.54811	.63396	.24817	.25083	.25008
.401	1.980	.76810	.77059	.61398	.62079	.51685	.51321	.60086	.21200	.21317	.21281
.400	3.996	.82474	.82601	.67809	.68609	.48864	.48151	.56258	.17506	.17554	.17594
.40'	5.974	.86704	.86941	.73451	.73783	.45583	.44872	.51229	.14220	.14236	.14121
.400	8.006	.90442	.90908	.78420	.78753	.41812	.41800	.45853	.10713	.10658	.10620
.401	10.007	.93408	.93867	.82037	.82715	.38228	.38333	.39816	.07774	.07804	.07766
.400	12.047	.94692	.95502	.84772	.85570	.34418	.34758	.38815	.04526	.04407	.04368
.399	14.037	.95625	.96670	.86966	.87883	.30524	.31567	.34118	.01370	.01414	.01335
.399	16.028	.95973	.97367	.88603	.89986	.28097	.28557	.29824	-.01320	-.01270	-.01271
	GRADIENT	.03109	.02891	.03404	.03195	-.01544	-.01775	-.01757	-.01842	-.01947	-.01892

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.600	-1.874	.69640	.70737	.52237	.54136	.58966	.59825	.62366	.29090	.29585	.29364
.600	.028	.76311	.77142	.59616	.61049	.56017	.56619	.59785	.25575	.25889	.25685
.601	2.030	.82167	.82730	.66397	.67412	.52764	.53056	.57552	.21789	.21853	.21838
.601	4.126	.87938	.88031	.72818	.73576	.49781	.50075	.56074	.18025	.17941	.18012
.602	6.079	.91734	.92027	.77895	.78444	.46241	.46637	.55907	.14441	.14348	.14383
.602	8.055	.95383	.95567	.82424	.82972	.42771	.43066	.52025	.10950	.10882	.10951
.601	10.054	.98083	.98368	.86168	.86819	.39490	.39942	.44346	.07638	.07560	.07491
.601	12.077	.99704	1.00346	.89086	.89942	.39666	.36255	.38960	.04436	.04227	.04193
.600	14.076	1.00710	1.01714	.91306	.92576	.35315	.33343	.35128	.01236	.01119	.01136
.600	16.039	1.00773	1.02294	.92964	.94441	.33114	.29851	.31536	-.01697	-.01790	-.01739
	GRADIENT	.03034	.02869	.03422	.03231	-.01540	-.01639	-.01052	-.01849	-.01948	-.01895

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.700	-2.035	.72308	.73543	.54688	.56836	.62268	.64117	.67024	.31077	.31612	.31435
.699	.139	.79771	.80536	.62884	.64401	.60255	.60732	.62513	.26949	.27104	.26928
.700	2.072	.85377	.85967	.69319	.70665	.59271	.57107	.57895	.23272	.23201	.23148
.701	4.008	.90562	.90856	.75194	.76166	.52690	.53990	.54820	.19572	.19496	.19525
.701	6.043	.94885	.95215	.80610	.81417	.48756	.50266	.51099	.15891	.15753	.15769
.701	8.045	.98577	.98779	.85335	.85893	.52252	.46300	.47547	.12351	.12125	.12126
.701	10.045	1.00996	1.01481	.88847	.89651	.51216	.42724	.43889	.08900	.08681	.08736
.699	12.024	1.03024	1.03635	.92087	.92895	.42560	.39526	.41073	.05621	.05491	.05533
.699	14.070	1.04102	1.05125	.94489	.95710	.37842	.35844	.37021	.02306	.02196	.02293
.699	16.050	1.04233	1.05754	.95931	.97568	.33133	.31962	.33227	-.00560	-.00677	-.00608
	GRADIENT	.03014	.02864	.03392	.03207	-.01471	-.01694	-.02057	-.01904	-.02007	-.01971

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.800	-3.954	.70212	.71770	.52148	.54734	.71920	.71735	.75732	.37718	.38327	.38018
.800	-1.973	.77359	.78600	.59826	.62062	.69354	.68369	.71085	.33802	.34170	.33827
.800	-.059	.83505	.84363	.66735	.68347	.67555	.65281	.65920	.30125	.30196	.30002
.800	1.946	.89501	.90009	.73447	.74607	.66749	.61479	.61183	.26286	.26152	.25992
.800	3.976	.94515	.94777	.79425	.80199	.62102	.57742	.57693	.22462	.22285	.22171
.799	6.001	.98643	.98903	.84444	.85217	.56458	.54527	.55003	.18608	.18502	.18434
.800	7.989	1.02284	1.02611	.89011	.89711	.52903	.51495	.53569	.15084	.14958	.14937
.800	9.976	1.04901	1.05365	.92666	.93435	.49452	.48146	.50468	.11521	.11445	.11411
.800	12.010	1.06852	1.07488	.95871	.96674	.46624	.44797	.48440	.08054	.08003	.07969
.800	14.004	1.07947	1.08895	.98146	.99261	.44268	.41571	.44593	.04891	.04831	.04854
.800	15.992	1.08417	1.09749	.99997	1.01425	.41882	.38659	.38522	.01865	.01831	.01935
	GRADIENT	.03069	.02901	.03445	.03208	-.01126	-.01764	-.02323	-.01922	-.02027	-.01998

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.850	-4.019	.74032	.75445	.56064	.58468	.74880	.73935	.77518	.39732	.40478	.40041
.849	-2.012	.81109	.82165	.63663	.65616	.72028	.70304	.72992	.35912	.36274	.35944
.850	-.045	.87139	.87804	.70391	.71890	.70052	.67062	.67878	.32043	.32106	.31926
.850	1.982	.92719	.93090	.76768	.77781	.68845	.63323	.63205	.28145	.28027	.27911
.850	3.930	.97438	.97676	.82402	.83119	.64444	.60228	.60016	.24437	.24290	.24185
.850	5.964	1.01526	1.01697	.87386	.88037	.59770	.56683	.57604	.20580	.20437	.20363
.850	7.991	1.04840	1.05204	.91726	.92441	.55638	.53583	.54088	.16890	.16760	.16665
.850	9.991	1.07437	1.07961	.95468	.96213	.52454	.50367	.49872	.13360	.13276	.13224
.850	12.013	1.09179	1.09895	.98357	.99294	.49647	.47303	.45907	.09890	.09798	.09809
.849	14.018	1.10426	1.11401	1.00780	1.01913	.47117	.43764	.42175	.06654	.06661	.06694
.850	16.010	1.10910	1.12178	1.02550	1.03943	.43831	.40311	.38398	.03814	.03684	.03814
	GRADIENT	.02938	.02785	.03307	.03090	-.01208	-.01729	-.02252	-.01928	-.02042	-.01998

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.899	-1.933	.85044	.85896	.67797	.69677	.72152	.72069	.72744	.38558	.38903	.38617
.900	-.054	.90700	.91154	.74102	.75471	.69157	.69105	.69933	.35003	.35064	.34887
.900	1.933	.95969	.96266	.80108	.81175	.66116	.65914	.66595	.31150	.31059	.30942
.900	3.933	1.00551	1.00630	.85560	.86294	.63051	.62279	.63351	.27310	.27157	.27140
.900	5.933	1.04690	1.04674	.90573	.91125	.59794	.58722	.60097	.23581	.23396	.23388
.899	7.938	1.07789	1.08010	.94615	.95318	.56925	.55280	.56960	.19800	.19693	.19675
.900	9.976	1.10296	1.10513	.98189	.98860	.53586	.51704	.53685	.16325	.16155	.16167
.900	11.997	1.12287	1.12711	1.01295	1.02115	.50144	.48203	.50517	.12887	.12754	.12766
.900	14.015	1.13414	1.14288	1.03748	1.04928	.45203	.44197	.45792	.09652	.09456	.09577
.900	15.994	1.13890	1.15036	1.05323	1.06836	.39937	.40165	.41495	.06696	.06486	.06657
.900	18.001	1.13341	1.14937	1.06224	1.08157	.34795	.35657	.36597	.03918	.03725	.03915
	GRADIENT	.02642	.02516	.03026	.02835	-.01549	-.01663	-.01610	-.01920	-.02004	-.01959

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.950	-3.991	.81559	.82755	.64152	.66382	.80817	.79688	.83687	.46502	.47112	.46713
.950	-2.011	.87809	.88713	.70949	.72802	.76389	.76413	.81136	.42623	.42947	.42673
.950	.026	.93614	.94169	.77406	.78765	.74794	.73116	.73399	.38672	.38749	.38484
.951	1.927	.98666	.98987	.83122	.84133	.74164	.69889	.69570	.35057	.34993	.34776
.950	3.960	1.03383	1.03442	.88588	.89309	.70888	.66467	.66295	.31061	.30952	.30783
.950	5.989	1.07236	1.07236	.93309	.93914	.66727	.63287	.63031	.27172	.27067	.26915
.950	7.985	1.10289	1.10604	.97475	.98078	.63041	.60144	.60526	.23395	.23292	.23188
.949	9.968	1.12880	1.13252	1.00985	1.01703	.59170	.57022	.59975	.19734	.19682	.19607
.950	12.032	1.14780	1.15295	1.03961	1.04793	.57290	.54045	.54922	.16239	.16123	.16076
.950	14.000	1.15977	1.16809	1.06367	1.07430	.52112	.50944	.50237	.12989	.12884	.12856
.950	15.959	1.16420	1.17569	1.08199	1.09405	.45203	.47673	.45180	.09896	.09765	.09901
.950	18.010	1.16039	1.17598	1.09095	1.10826	.39896	.43763	.39615	.06934	.06853	.06931
	GRADIENT	.02747	.02603	.03077	.02882	-.01114	-.01662	-.02337	-.01938	-.02030	-.02004

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.978	-1.951	.90503	.91279	.73715	.75461	.77655	.77742	.78139	.44765	.44983	.44699
.979	.004	.96097	.96642	.80053	.81351	.74677	.74513	.75304	.40893	.40942	.40760
.980	1.929	1.01006	1.01237	.85578	.86537	.71553	.71083	.72014	.37156	.37045	.36910
.980	3.952	1.05525	1.05471	.90875	.91497	.68481	.67678	.68443	.33067	.32946	.32866
.980	5.970	1.09472	1.09358	.95566	.96103	.65288	.64318	.65448	.29314	.29146	.29093
.979	7.957	1.12610	1.12603	.99603	1.00336	.62176	.60703	.62423	.25439	.25325	.25281
.977	9.994	1.14869	1.15111	1.02985	1.03718	.59324	.57205	.59211	.21586	.21453	.21399
.980	12.005	1.16853	1.17315	1.06026	1.07009	.56051	.53490	.56053	.18168	.18042	.18062
.977	13.977	1.18014	1.18530	1.08443	1.09258	.51558	.49446	.51956	.14748	.14610	.14639
.978	16.022	1.18396	1.19387	1.10078	1.11396	.45547	.45058	.46790	.11534	.11328	.11506
.978	18.021	1.18198	1.19518	1.11247	1.12703	.40569	.41253	.42285	.08598	.08408	.08604
	GRADIENT	.02544	.02401	.02902	.02713	-.01561	-.01712	-.01649	-.01978	-.02037	-.02004

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.050	-4.011	.89932	.90977	.73272	.75319	.89616	.87041	.90307	.54688	.55248	.54811
1.050	-2.006	.95933	.96708	.79749	.81498	.85649	.83812	.86578	.50660	.50977	.50667
1.050	-.055	1.01263	1.01681	.85672	.86857	.84234	.80354	.83094	.46707	.46751	.46529
1.050	1.946	1.06042	1.06192	.91216	.91985	.81814	.77399	.77392	.42709	.42678	.42406
1.050	3.967	1.10396	1.10425	.96256	.96816	.77327	.74303	.74328	.38584	.38517	.38304
1.050	5.950	1.13993	1.13961	1.00613	1.01112	.73880	.71214	.72748	.34551	.34457	.34333
1.050	8.010	1.16905	1.17108	1.04542	1.05100	.69071	.67495	.69360	.30324	.30283	.30168
1.050	9.991	1.19221	1.19540	1.07749	1.08394	.65390	.64375	.65917	.26392	.26383	.26247
1.050	11.987	1.21055	1.21521	1.10676	1.11350	.62625	.62023	.64011	.22480	.22474	.22407
1.050	14.029	1.22233	1.22876	1.12905	1.13725	.60465	.59952	.60757	.18576	.18593	.18546
1.049	15.995	1.22817	1.23755	1.14693	1.15779	.58389	.57432	.56496	.15081	.15012	.15063
1.050	17.990	1.22395	1.23774	1.15699	1.17079	.55037	.54848	.50875	.12463	.12396	.12505
	GRADIENT	.02563	.02429	.02884	.02696	-.01428	-.01601	-.02067	-.02017	-.02098	-.02073

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HYR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.101	-1.969	1.00101	1.00827	.84012	.85796	.87216	.87359	.88131	.55374	.55672	.55420
1.099	.055	1.05092	1.05643	.89771	.91072	.83795	.83998	.84977	.51062	.51141	.50993
1.099	2.012	1.09775	1.10033	.95056	.96010	.80690	.80492	.81958	.47191	.47125	.47034
1.101	4.037	1.13820	1.13928	.99705	1.00599	.78220	.77308	.76887	.43179	.43007	.42973
1.098	6.006	1.17363	1.17468	1.04125	1.04762	.76122	.73773	.76592	.39145	.38943	.38890
1.101	8.047	1.20216	1.20486	1.07929	1.08532	.74835	.70283	.73709	.35191	.34960	.34878
1.098	10.017	1.22619	1.22910	1.11178	1.11918	.72679	.66518	.70093	.31110	.30889	.30873
1.102	12.052	1.24248	1.24735	1.13893	1.14602	.68450	.63257	.67339	.27142	.26995	.26960
1.099	14.010	1.25249	1.26018	1.15869	1.16947	.62605	.59698	.62799	.23090	.22942	.22973
1.100	16.025	1.25904	1.26981	1.17719	1.19079	.56357	.56085	.57829	.19530	.19390	.19543
1.100	18.045	1.25647	1.27090	1.18741	1.20381	.51079	.52080	.51736	.11818	.11694	.11224
	GRADIENT	.02295	.02187	.02621	.02470	-.01506	-.01685	-.01539	-.02025	-.02103	-.02068

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-3.934	.97514	.98633	.81024	.83202	.93144	.92561	.95464	.60196	.60867	.60511
1.150	-1.988	1.02791	1.03791	.86807	.88669	.89540	.89430	.92437	.56114	.56544	.56291
1.148	.000	1.07652	1.09296	.92133	.93593	.88204	.86095	.86358	.51834	.52021	.51764
1.150	1.998	1.12399	1.12757	.97480	.98538	.86503	.82784	.83243	.47595	.47607	.47379
1.150	4.013	1.16626	1.16757	1.02364	1.03137	.83122	.79420	.81381	.43119	.43078	.42990
1.150	6.026	1.20042	1.20173	1.06607	1.07274	.78743	.75765	.77887	.38602	.38555	.38484
1.149	8.010	1.22758	1.23055	1.10171	1.10891	.75045	.73165	.74473	.34110	.34076	.33912
1.149	10.080	1.25049	1.25427	1.13388	1.14189	.72124	.70863	.71807	.29169	.29148	.29002
1.150	12.022	1.26824	1.27394	1.16125	1.17061	.71145	.69303	.71246	.24246	.24173	.24018
1.146	14.094	1.27780	1.28746	1.18184	1.19489	.68884	.66917	.66635	.17845	.17543	.17283
1.147	16.036	1.28374	1.29588	1.19951	1.21476	.64505	.64917	.61288	.13543	.13161	.13219
1.149	18.044	1.28515	1.29948	1.21395	1.22971	.57848	.60570	.54030	.10435	.10103	.10244
	GRADIENT	.02405	.02274	.02683	.02501	-.01161	-.01656	-.01878	-.02147	-.02239	-.02211

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.199	-1.874	1.06085	1.06653	.89790	.91213	.89220	.89327	.90194	.55567	.55899	.55641
1.200	.013	1.10836	1.11152	.95030	.96176	.86184	.86210	.86750	.50818	.50996	.50866
1.199	2.024	1.15097	1.15354	.99886	1.00815	.83191	.83028	.84007	.46074	.46090	.46013
1.198	4.065	1.19258	1.19238	1.04692	1.05349	.80726	.79313	.81218	.41018	.40935	.40813
1.200	5.985	1.22698	1.22673	1.08877	1.09396	.79248	.76368	.78791	.35339	.35142	.35037
1.198	8.062	1.25588	1.25775	1.12667	1.13320	.77495	.73592	.76824	.29605	.29230	.29107
1.198	10.072	1.27917	1.28291	1.15983	1.16691	.76911	.70506	.74856	.25033	.24568	.24553
1.198	12.020	1.29499	1.29927	1.18420	1.19345	.74319	.67526	.71910	.20870	.20531	.20624
1.201	13.911	1.30667	1.31390	1.20691	1.21750	.68547	.63558	.66799	.17480	.17185	.17295
1.199	16.059	1.31382	1.32459	1.22607	1.24049	.59318	.57748	.59016	.14903	.14767	.14968
1.200	18.069	1.31609	1.33063	1.24075	1.25812	.51423	.52574	.52568	.12309	.12332	.12406
	GRADIENT	.02206	.02114	.02498	.02371	-.01434	-.01676	-.01494	-.02440	-.02511	-.02488

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.301	-2.099	1.09833	1.11521	.92964	.95609	.92793	.92906	.94880	.50382	.50758	.50591
1.299	-.054	1.14993	1.16215	.98624	1.00779	.89601	.89486	.91918	.43728	.43964	.43864
1.300	1.992	1.19361	1.20262	1.03639	1.05305	.87157	.86414	.89245	.38569	.38654	.38744
1.301	3.918	1.22824	1.23720	1.07717	1.09379	.84903	.83532	.87163	.33741	.33779	.34021
1.299	6.013	1.26595	1.27572	1.12243	1.13935	.83079	.79789	.84542	.29699	.29507	.29662
1.300	7.959	1.29397	1.30255	1.15811	1.17414	.82149	.76236	.81641	.25846	.25624	.25894
1.301	9.958	1.31745	1.32685	1.19123	1.20726	.79098	.71297	.77136	.21600	.21339	.21789
1.299	12.010	1.34157	1.35267	1.22522	1.24212	.75237	.67371	.72619	.17591	.17405	.18093
1.299	14.013	1.34937	1.36452	1.24559	1.26541	.69576	.62979	.66181	.14523	.14420	.15235
1.300	15.979	1.35393	1.37246	1.26214	1.28648	.63369	.58566	.59702	.11633	.11450	.12587
1.298	18.014	1.35754	1.37920	1.27724	1.30501	.53518	.53300	.53666	.08610	.08367	.09751
	GRADIENT	.02159	.02024	.02454	.02282	-.01300	-.01553	-.01286	-.02743	-.02801	-.02730

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.401	-1.978	1.14229	1.14709	.96742	.98069	.95310	.95192	.96851	.49032	.49325	.49263
1.401	.046	1.18908	1.19269	1.01785	1.03056	.92469	.92007	.94102	.45335	.45358	.45295
1.399	1.976	1.23063	1.23445	1.06334	1.07658	.89963	.88414	.92368	.41272	.40988	.40754
1.399	3.877	1.27254	1.27489	1.11243	1.12283	.88112	.85177	.90469	.36712	.36533	.36278
1.400	5.875	1.30719	1.30776	1.15372	1.16235	.85566	.81268	.87057	.32966	.33139	.32961
1.399	7.959	1.33800	1.34572	1.19433	1.20988	.82415	.76290	.82191	.27537	.27684	.27361
1.401	9.928	1.35940	1.36796	1.22592	1.24062	.80088	.72575	.79261	.23402	.23912	.23819
1.399	11.970	1.38033	1.39084	1.25619	1.27284	.75587	.68501	.75828	.18867	.19462	.19263
1.400	13.987	1.39442	1.40634	1.28091	1.29842	.70405	.64499	.69963	.14733	.15729	.15606
1.401	15.964	1.40574	1.41797	1.30491	1.32073	.63949	.59642	.63053	.11247	.12223	.12186
1.398	17.979	1.40964	1.42183	1.31989	1.33712	.54995	.54518	.54712	.08444	.09625	.09626
	GRADIENT	.02218	.02181	.02464	.02423	-.01237	-.01725	-.01072	-.02102	-.02191	-.02229

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.550	-3.908	1.12545	1.13147	.94240	.95695	1.01491	1.02347	1.02763	.52228	.52557	.52394
1.550	-1.938	1.17325	1.17578	.99319	1.00491	.98917	.99806	.99370	.48224	.48251	.48076
1.549	.101	1.22080	1.22330	1.04297	1.05373	.95270	.96507	.96042	.43835	.43538	.43247
1.549	2.006	1.26254	1.26407	1.09036	1.09950	.90964	.94066	.90978	.39068	.38744	.38484
1.551	4.041	1.30255	1.30215	1.13701	1.14360	.86159	.91857	.85637	.38079	.37776	.36914
1.550	6.042	1.34059	1.34175	1.18155	1.18751	.80537	.88078	.79670	.32026	.31928	.31393
1.550	8.071	1.37181	1.37169	1.22080	1.22770	.78276	.86241	.76901	.26768	.26939	.26190
1.550	10.068	1.39517	1.39694	1.25496	1.26246	.72124	.80925	.71484	.23248	.23717	.23276
1.550	12.078	1.41795	1.42256	1.28798	1.29515	.65301	.72837	.65139	.19665	.19735	.18714
1.549	14.111	1.44557	1.44985	1.32300	1.33144	.59126	.64632	.63498	.16268	.16573	.16311
1.550	16.076	1.44989	1.45702	1.34321	1.35291	.52830	.56052	.63575	.12912	.13421	.12983
	GRADIENT	.02235	.02165	.02451	.02358	-.01946	-.01347	-.02148	-.01886	-.01968	-.02043

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.199	-1.834	.56954	.62955	.41095	.47817	.56749	.60857	.56478	.24848	.26248	.26685
.201	.185	.64640	.69897	.49024	.55855	.55456	.52659	.53481	.22118	.23218	.23576
.201	2.159	.70430	.76126	.55401	.62469	.55204	.48749	.48718	.18091	.19131	.19490
.200	4.155	.76314	.82443	.62763	.69627	.55902	.47071	.46827	.15493	.16255	.16687
.200	6.033	.80442	.86371	.67062	.74164	.54138	.42906	.45897	.11792	.12677	.12701
.200	7.827	.83625	.89983	.71271	.78608	.50305	.39474	.43124	.08552	.08901	.09262
.200	9.847	.87246	.92977	.75753	.83102	.41747	.36967	.38676	.05697	.05764	.06053
.200	11.799	.89401	.95343	.79213	.86125	.36125	.34382	.36309	.02906	.03123	.03339
.200	13.699	.90180	.95690	.80855	.87552	.31036	.31243	.32090	-.00031	.00047	.00191
.199	15.718	.90523	.96054	.82685	.89190	.30288	.27669	.27870	-.02712	-.02700	-.02411
	GRADIENT	.03203	.03244	.03580	.03613	-.00141	-.02272	-.01690	-.01609	-.01708	-.01709

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.252	-2.013	.57872	.64018	.42328	.48496	.55534	.55125	.58913	.26632	.28461	.28961
.252	.002	.65117	.70833	.49363	.56166	.53189	.52139	.55717	.23220	.24838	.25267
.252	1.995	.71309	.77430	.56667	.63448	.50281	.48808	.51741	.19337	.21095	.21522
.252	3.987	.76696	.82412	.61783	.69230	.47690	.45144	.48305	.16053	.17678	.17964
.251	6.020	.80365	.87206	.67256	.74769	.44638	.42499	.44831	.12712	.14068	.14643
.250	7.934	.84454	.91078	.71777	.79718	.42055	.38837	.40312	.09409	.10409	.10912
.250	9.843	.87604	.94670	.76591	.84347	.38317	.36167	.35922	.06330	.07192	.07409
.251	11.909	.89321	.96151	.79025	.86741	.34706	.33211	.32110	.03738	.04311	.04455
.251	13.898	.90478	.96637	.81509	.88979	.31800	.31380	.28145	.00883	.01242	.01527
.252	15.921	.89833	.96388	.82827	.90046	.29530	.31032	.24617	-.01801	-.01299	-.01300
	GRADIENT	.03135	.03091	.03285	.03476	-.01322	-.01664	-.01790	-.01782	-.01805	-.01838

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.400	-1.936	.61045	.67462	.44435	.51739	.58851	.63012	.58563	.27099	.28519	.28832
.401	.022	.67759	.74040	.51874	.59047	.57455	.55330	.54853	.23399	.24747	.25213
.401	2.016	.73806	.79961	.58504	.65558	.57248	.51205	.51405	.20145	.21036	.21463
.401	4.002	.79283	.85194	.64460	.72200	.56260	.47331	.47680	.16838	.17465	.17968
.402	5.965	.83656	.89785	.69774	.77272	.52911	.44108	.43850	.13257	.13969	.14471
.400	7.900	.86856	.93247	.74176	.81598	.48152	.41046	.43345	.09943	.10317	.10821
.399	9.957	.89525	.95942	.77954	.85410	.39078	.37899	.40093	.06647	.06951	.07224
.399	11.830	.91759	.96059	.81234	.88809	.35099	.34972	.36702	.04521	.04636	.05026
.398	13.838	.92947	.98937	.83881	.90918	.31783	.31892	.33048	.01345	.01585	.01781
.398	15.862	.93045	.99042	.85026	.91955	.29560	.28138	.28475	-.01197	-.01227	-.01031
	GRADIENT	.03067	.02984	.03367	.03428	-.00402	-.02613	-.01792	-.01718	-.01862	-.01835

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.600	-1.926	.66215	.72785	.48855	.56435	.61476	.60114	.59560	.28035	.29617	.30102
.600	.080	.73208	.79668	.56514	.64043	.58031	.56462	.56014	.24264	.25665	.26098
.601	2.085	.79061	.85295	.62964	.70478	.55556	.53166	.53030	.20711	.21790	.22325
.601	4.085	.83983	.90144	.68642	.76240	.53841	.49708	.58469	.17114	.17958	.18508
.601	7.998	.91570	.98035	.78069	.85877	.50793	.43310	.46165	.10179	.10661	.11159
.601	10.061	.94656	1.00870	.82164	.89830	.45383	.39922	.41856	.06816	.07082	.07478
.601	11.884	.96497	1.02711	.85290	.92906	.40258	.36995	.39189	.04096	.04145	.04575
.601	13.886	.97612	1.03669	.87697	.95208	.36948	.33067	.34748	.01029	.01016	.01308
.600	15.897	.97990	1.04160	.89194	.96873	.32875	.29299	.31760	-.01992	-.01965	-.01690
.598	17.853	.97338	1.04000	.90115	.98188	.28171	.25984	.29183	-.04538	-.04488	-.04420
	GRADIENT	.02953	.02880	.03285	.03287	-.01267	-.01723	-.00313	-.01813	-.01939	-.01924

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.698	-1.959	.70051	.76626	.52428	.60125	.64137	.63370	.62709	.29612	.31212	.31727
.700	.082	.76670	.83075	.59684	.67375	.60568	.60343	.66894	.25754	.27038	.27672
.700	2.041	.82356	.88680	.66003	.73664	.57395	.57088	.60228	.22095	.23223	.23680
.701	4.095	.87542	.93758	.71938	.79616	.54716	.53546	.55979	.18517	.19416	.19843
.701	6.090	.91530	.97996	.76852	.84827	.51076	.50236	.52057	.14933	.15649	.16158
.702	7.969	.94830	1.01401	.81130	.89163	.46980	.46842	.48251	.11392	.11894	.12388
.702	10.040	.97877	1.04311	.85425	.93247	.43558	.42600	.44255	.08078	.08285	.08697
.700	11.880	.99736	1.06123	.88370	.96153	.41311	.39316	.40818	.05145	.05277	.05539
.700	13.862	1.01041	1.07295	.90965	.98534	.38136	.35443	.36906	.02002	.02127	.02416
.700	15.860	1.01556	1.07806	.92723	1.00369	.34155	.32125	.32805	-.00916	-.00826	-.00606
.700	17.910	1.00723	1.07482	.93360	1.01558	.29426	.28178	.28780	-.03681	-.03654	-.03558
	GRADIENT	.02890	.02833	.03223	.03218	-.01562	-.01627	-.01330	-.01836	-.01948	-.01970

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.800	-3.939	.68051	.74673	.49014	.57745	.75623	.70718	.69409	.36173	.38113	.38533
.800	-2.045	.74691	.81194	.56984	.64941	.72400	.67651	.66793	.32424	.34200	.34610
.800	.000	.81120	.87396	.64118	.71810	.64695	.64090	.63827	.28495	.30038	.30412
.799	1.978	.86569	.92704	.70188	.77846	.62944	.61122	.61591	.24900	.26180	.26553
.800	3.989	.91463	.97529	.75879	.83502	.62581	.58045	.58969	.21172	.22201	.22678
.800	6.006	.95232	1.01738	.80538	.88566	.59029	.54428	.56499	.17442	.18403	.18960
.800	7.947	.98438	1.05293	.84642	.93089	.53672	.51326	.54894	.13893	.14590	.15089
.800	10.017	1.01699	1.08062	.88956	.96944	.51414	.48027	.52462	.10597	.10961	.11367
.800	11.941	1.03525	1.10020	.92007	1.00127	.48356	.45284	.45072	.07456	.07730	.08100
.800	13.904	1.04877	1.11234	.94465	1.02414	.45179	.41931	.40682	.04426	.04632	.04980
.800	15.895	1.05397	1.11752	.96412	1.04218	.41592	.38275	.35435	.01475	.01568	.01823
.798	17.981	1.04987	1.11828	.97454	1.05684	.34752	.35007	.31285	-.01413	-.01317	-.01247
.798	18.963	1.04158	1.11297	.97444	1.05897	.30957	.32358	.28960	-.02702	-.02698	-.02675
	GRADIENT	.02952	.02877	.03285	.03239	-.01788	-.01603	-.01312	-.01888	-.02004	-.02000

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.849	-3.974	.71405	.77839	.53294	.61185	.77662	.72868	.72317	.38188	.40146	.40562
.850	-2.002	.78176	.84522	.60667	.68427	.72567	.69748	.69656	.34424	.36099	.36522
.851	-.034	.84272	.90436	.67371	.75018	.66191	.66601	.67547	.30653	.32163	.32544
.851	1.965	.89528	.95540	.73295	.80819	.63893	.63461	.65116	.26950	.28189	.28589
.850	3.993	.94074	1.00137	.78531	.86176	.62879	.60179	.62684	.23204	.24267	.24701
.850	5.964	.97997	1.04376	.83408	.91271	.59232	.57309	.60913	.19484	.20344	.20885
.849	7.944	1.00947	1.07689	.87213	.95604	.55036	.53952	.58114	.15879	.16570	.17015
.849	10.033	1.04049	1.10497	.91451	.99419	.53187	.49900	.51411	.12466	.12847	.13247
.850	11.921	1.05937	1.12284	.94479	1.02313	.51736	.46604	.46144	.09437	.09679	.10026
.850	13.923	1.07278	1.13633	.96972	1.04880	.47071	.42612	.42123	.06344	.06535	.06871
.850	15.908	1.07958	1.14312	.99013	1.06791	.43246	.39661	.37717	.03469	.03554	.03792
.849	17.942	1.07530	1.14169	.99987	1.08015	.36051	.35383	.33088	.00597	.00663	.00695
	GRADIENT	.02847	.02793	.03170	.03133	-.01918	-.01591	-.01196	-.01881	-.01993	-.01993

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.900	-3.941	.75139	.81491	.57311	.65089	.80538	.75933	.76233	.41289	.43147	.43568
.900	-2.084	.81187	.87347	.63773	.71481	.73801	.72973	.73701	.37742	.39388	.39757
.900	-.046	.87287	.93236	.70408	.78030	.68749	.69441	.71482	.33670	.35138	.35548
.900	1.976	.92544	96305	.76375	.83778	.66161	.66578	.69137	.29909	.31135	.31524
.900	3.982	.97107	1.02962	.81748	.89186	.63082	.63468	.66672	.26144	.27202	.27550
.899	5.913	1.00374	1.06673	.85853	.93711	.60310	.60482	.63883	.22427	.23369	.23830
.900	7.882	1.03777	1.10302	.90180	.98199	.57294	.57556	.61164	.18877	.19586	.20015
.900	10.011	1.06687	1.13019	.94205	1.02090	.55790	.53432	.53356	.15423	.15788	.16185
.900	11.896	1.08629	1.14931	.97211	1.05067	.53823	.49757	.49168	.12308	.12605	.12941
.900	13.993	1.09972	1.16299	.99721	1.07630	.49216	.47374	.45358	.09021	.09209	.09524
.900	15.923	1.10561	1.16891	1.01642	1.09373	.44375	.44389	.40852	.06244	.06362	.06556
.900	17.912	1.10385	1.16927	1.02687	1.10720	.38794	.40116	.35732	.03552	.03612	.03632
	GRADIENT	.02776	.02706	.03087	.03037	-.02132	-.01573	-.01189	-.01915	-.02017	-.02023

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.950	-4.053	.78750	.84933	.61236	.68801	.83662	.79390	.80330	.45316	.47186	.47633
.949	-1.984	.85091	.91201	.68022	.75634	.76250	.76072	.77828	.41277	.42924	.43352
.949	-.008	.90775	.96540	.74244	.81571	.72462	.73035	.75287	.37419	.38867	.39257
.951	2.023	.95796	1.01478	.79936	.87204	.69337	.70051	.72844	.33677	.34873	.35242
.950	3.944	1.00168	1.05820	.84913	.92210	.66437	.67295	.70495	.30000	.31026	.31423
.950	6.031	1.03807	1.09807	.89467	.97056	.63476	.64016	.67912	.26157	.27023	.27497
.950	7.948	1.06770	1.13065	.93362	1.01192	.60710	.61279	.62498	.22521	.23218	.23635
.951	9.957	1.09525	1.15812	.96972	1.04907	.58731	.57566	.57892	.18972	.19420	.19846
.950	11.951	1.11743	1.17673	1.00422	1.07882	.57460	.54509	.53051	.15641	.15899	.16218
.949	13.889	1.12892	1.19104	1.02659	1.10376	.53176	.51717	.48638	.12475	.12651	.12922
.950	15.961	1.13531	1.19679	1.04606	1.12346	.48252	.48239	.43027	.09411	.09541	.09705
.950	17.916	1.13354	1.19747	1.05808	1.13584	.42118	.44121	.38638	.06607	.06642	.06671
	GRADIENT	.02679	.02604	.02965	.02921	-.02072	-.01511	-.01233	-.01912	-.02019	-.02027

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.976	-2.013	.87557	.93108	.70532	.77647	.77296	.77748	.79886	.43433	.44872	.45288
.979	.038	.93423	.98960	.77003	.84046	.74013	.74520	.77874	.39609	.40805	.41162
.979	1.975	.98170	1.03689	.82424	.89506	.70944	.71673	.75718	.35778	.36533	.37252
.979	3.999	1.02788	1.08174	.87733	.94690	.67351	.68362	.74148	.32178	.33054	.33430
.981	6.014	1.06140	1.11760	.91840	.99116	.63786	.65018	.68345	.28300	.29126	.29510
.980	7.954	1.09233	1.14920	.95789	1.03139	.60316	.61888	.63858	.24610	.25261	.25645
.980	9.914	1.11627	1.17347	.99170	1.06502	.57155	.58311	.59336	.21112	.21511	.21895
.982	12.005	1.13698	1.19441	1.02392	1.09776	.53659	.54369	.54921	.17563	.17875	.18259
.980	13.912	1.15233	1.20823	1.04932	1.12224	.50587	.50935	.50315	.14464	.14616	.15010
.980	15.939	1.15736	1.21491	1.06698	1.14129	.46901	.47027	.45288	.11251	.11335	.11588
.979	17.970	1.15446	1.21638	1.07656	1.15548	.41672	.42778	.40598	.08237	.08206	.08263
	GRADIENT	.02526	.02500	.02856	.02834	-.01647	-.01552	-.00970	-.01882	-.01969	-.01977

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.049	-4.003	.87372	.92880	.70484	.77468	.90427	.86877	.87955	.53487	.55230	.55601
1.050	-1.958	.93302	.98874	.76953	.84005	.83747	.83567	.85360	.49267	.50888	.51249
1.050	-.003	.98420	1.03929	.82607	.89597	.79776	.80572	.82752	.45344	.46741	.47112
1.050	2.027	1.03318	1.08494	.87967	.94741	.78720	.77414	.80067	.41432	.42605	.42905
1.050	4.028	1.07350	1.12612	.92773	.99573	.76251	.74382	.77274	.37598	.38595	.38915
1.050	6.044	1.10668	1.16318	.96815	1.04036	.72901	.71651	.74252	.33629	.34512	.34940
1.050	8.002	1.13441	1.19348	1.00466	1.07854	.69519	.68654	.71964	.29758	.30456	.30854
1.050	10.020	1.15947	1.22027	1.03893	1.11543	.67251	.65233	.65502	.25650	.26154	.26590
1.050	11.946	1.17963	1.23725	1.06871	1.14234	.65118	.62445	.60647	.22029	.22329	.22716
1.049	13.924	1.19319	1.25029	1.09192	1.16564	.62084	.59881	.56454	.18278	.18482	.18791
1.050	15.950	1.19843	1.25787	1.11053	1.18510	.58420	.57580	.51166	.14725	.14844	.14954
1.051	17.949	1.19784	1.25890	1.12257	1.19784	.52695	.56111	.47617	.12230	.12272	.12282
	GRADIENT	.02493	.02449	.02773	.02741	-.01666	-.01554	-.01330	-.01976	-.02073	-.02081

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.098	-1.979	.97103	1.02549	.81059	.87839	.85960	.86385	.88622	.53476	.54916	.55299
1.101	.040	1.02083	1.07319	.86369	.93309	.82831	.83511	.86115	.49577	.50863	.51180
1.101	2.035	1.06446	1.11711	.91422	.98227	.79267	.80148	.83861	.45620	.46699	.47006
1.099	4.029	1.10577	1.15677	.96169	1.02780	.75993	.77003	.82820	.41826	.42740	.43017
1.099	6.084	1.13918	1.19147	1.00247	1.07025	.72726	.74120	.77555	.37844	.38647	.39010
1.097	7.996	1.16382	1.21916	1.03596	1.10567	.69376	.70600	.72903	.33875	.34525	.34934
1.098	10.037	1.18979	1.24455	1.06981	1.14125	.66512	.67114	.68005	.29809	.30222	.30641
1.102	11.854	1.20901	1.26250	1.09999	1.16790	.63980	.63987	.64144	.26247	.26526	.26897
1.098	13.940	1.22322	1.27602	1.12380	1.19106	.62047	.60921	.60060	.22395	.22532	.22884
1.101	15.878	1.22981	1.28360	1.14253	1.21017	.58583	.57828	.55189	.19015	.19046	.19265
1.100	17.905	1.23188	1.28725	1.15592	1.22582	.52716	.54085	.50403	.11541	.11445	.11069
1.100	19.879	1.25345	1.26481	1.19555	1.20774	.46550	.47498	.47015	.06480	.06112	.05848
	GRADIENT	.02237	.02187	.02517	.02485	-.01673	-.01574	-.00982	-.01943	-.02033	-.02049

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-3.944	.95034	1.00680	.78350	.85478	.94010	.92420	.94211	.58803	.60640	.61028
1.149	-1.937	1.00434	1.06029	.84174	.91311	.88186	.89083	.91691	.54668	.56260	.56704
1.150	.036	1.05340	1.10803	.89497	.96525	.85097	.86101	.88815	.50511	.51914	.52301
1.150	2.026	1.09711	1.15063	.94412	1.01352	.82615	.82976	.85763	.46293	.47499	.47809
1.150	4.020	1.13607	1.18918	.98969	1.05824	.80076	.80186	.82831	.42047	.43042	.43411
1.149	6.066	1.16911	1.22477	1.02945	1.10079	.77040	.76926	.79535	.37409	.38302	.38752
1.150	7.932	1.19583	1.25387	1.06362	1.13794	.74929	.74114	.76538	.32946	.33593	.34007
1.149	9.882	1.22026	1.27739	1.09882	1.17025	.74041	.71409	.71320	.28450	.28886	.29215
1.149	11.917	1.23984	1.29522	1.12803	1.19771	.72034	.68791	.66891	.23543	.23676	.23910
1.148	13.894	1.25264	1.30819	1.15247	1.22144	.70207	.66831	.62987	.17086	.17038	.17151
1.150	15.889	1.26171	1.31627	1.17275	1.24049	.66124	.64916	.58051	.12957	.12986	.13117
1.150	17.908	1.26169	1.31794	1.18380	1.25437	.56845	.60872	.5.640	.09831	.09983	.10011
	GRADIENT	.02334	.02288	.02588	.02551	-.01682	-.01537	-.01442	-.02106	-.02210	-.02219

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.197	-1.990	1.03383	1.08647	.86885	.93601	.89033	.89737	.93289	.54475	.55967	.56425
1.199	.070	1.08087	1.13369	.92003	.98769	.85379	.86085	.90207	.49481	.50819	.51241
1.198	2.066	1.12549	1.17612	.96859	1.03629	.82104	.82839	.87346	.44775	.45880	.46274
1.198	4.019	1.16261	1.21456	1.01356	1.07991	.79180	.80160	.85403	.39845	.40770	.41155
1.198	6.032	1.19522	1.24987	1.05290	1.12307	.76550	.77287	.80877	.34124	.34899	.35310
1.201	7.929	1.22209	1.27895	1.08699	1.15937	.74114	.74307	.76534	.27792	.28171	.28490
1.197	10.006	1.24767	1.30272	1.12261	1.19350	.71495	.70983	.71833	.23470	.23552	.23835
1.197	11.894	1.26510	1.31881	1.14919	1.21958	.69260	.67906	.67700	.20400	.20380	.20536
1.202	13.907	1.27831	1.33347	1.17411	1.24402	.66081	.63837	.62253	.17146	.16979	.16818
1.199	15.883	1.28743	1.34325	1.19386	1.26583	.61828	.58983	.54684	.14546	.14239	.13815
1.198	17.907	1.28757	1.34692	1.20703	1.28145	.54609	.54048	.47363	.11982	.11545	.10478
	GRADIENT	.02153	.02132	.02411	.02399	-.01640	-.01598	-.01326	-.02427	-.02523	-.02536

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	-1.965	1.07578	1.14122	.90578	.98565	.91494	.92580	.95778	.48952	.50530	.51003
1.298	.020	1.12707	1.18722	.96013	1.03760	.88500	.89528	.92696	.42697	.44172	.44719
1.299	1.979	1.16720	1.22689	1.00497	1.08207	.85861	.87036	.90958	.37963	.39280	.39914
1.299	4.006	1.20670	1.26404	1.05180	1.12680	.82919	.83975	.89047	.33726	.34902	.35552
1.301	6.040	1.23880	1.30086	1.09169	1.17007	.79773	.80633	.84981	.29042	.30375	.31493
1.299	7.952	1.27030	1.32641	1.13183	1.20488	.77151	.77269	.79966	.25942	.27389	.28652
1.299	9.998	1.29617	1.34947	1.16563	1.23669	.73902	.73421	.74600	.20507	.21808	.23180
1.301	11.905	1.32021	1.36793	1.20102	1.26256	.70847	.68964	.69205	.16879	.18030	.19205
1.301	13.902	1.33286	1.38014	1.22485	1.28849	.68172	.64697	.63515	.13446	.14601	.15924
1.300	15.964	1.34167	1.38741	1.24582	1.30513	.64717	.60283	.57352	.09932	.11178	.12554
1.299	17.930	1.34123	1.38934	1.25691	1.31854	.56576	.55616	.48994	.07273	.08745	.10115
	GRADIENT	.02178	.02053	.02430	.02354	-.01427	-.01425	-.01103	-.02536	-.02604	-.02573

OA232 AEDC 16T TF431 LA .2P/S RA .2A (HVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.399	-3.951	1.06851	1.11791	.88791	.95265	.96381	.97470	1.01829	.53246	.54660	.55059
1.399	-2.062	1.11313	1.16724	.93433	1.00466	.94697	.95641	.99735	.48104	.49363	.49770
1.399	-.026	1.15980	1.21522	.98547	1.05722	.91580	.92500	.97475	.44691	.45713	.45948
1.399	2.010	1.20074	1.25734	1.03186	1.10509	.88292	.88952	.92795	.40791	.41665	.41698
1.401	4.008	1.24290	1.30165	1.07860	1.15542	.85111	.85914	.89093	.35912	.36776	.37037
1.400	6.040	1.27418	1.33459	1.11807	1.19695	.82109	.82571	.83610	.30633	.31445	.31717
1.400	8.039	1.30405	1.36332	1.15743	1.23456	.78560	.79137	.79257	.25861	.26470	.26835
1.400	10.115	1.32804	1.37914	1.18957	1.25917	.74837	.74209	.73442	.23509	.23799	.23763
1.401	11.977	1.34936	1.40033	1.22119	1.28894	.70936	.68789	.67310	.19911	.20475	.20516
1.399	13.972	1.36421	1.41431	1.24722	1.31296	.68937	.63260	.60895	.15707	.16500	.16760
1.400	15.995	1.37357	1.42714	1.26798	1.33664	.65884	.59427	.55341	.12416	.13245	.13429
1.399	18.010	1.38125	1.43543	1.28535	1.35665	.59780	.55391	.47166	.08461	.09587	.10009
	GRADIENT	.02182	.02288	.02396	.02530	-.01450	-.01493	-.01624	-.02098	-.02173	-.02205

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.550	-3.884	1.10526	1.15598	.91917	.98544	1.00932	1.01726	1.03475	.51939	.53337	.53828
1.550	-1.889	1.15094	1.20287	.96814	1.03530	.98852	.99931	1.00508	.47485	.48927	.49345
1.550	.100	1.19510	1.24700	1.01424	1.08170	.94813	.97347	.96503	.43367	.44686	.44902
1.550	2.143	1.23976	1.29167	1.06163	1.13071	.89242	.94916	.91189	.38239	.39764	.40202
1.550	4.161	1.27417	1.32891	1.10432	1.17496	.84540	.92210	.85762	.33990	.35587	.36267
1.550	6.194	1.30756	1.36629	1.14215	1.21961	.81727	.89286	.80702	.28585	.31474	.33006
1.550	8.107	1.33113	1.39635	1.17511	1.25625	.76460	.83784	.76608	.24511	.25825	.25987
1.550	10.075	1.36337	1.42402	1.21685	1.29371	.70993	.78080	.72315	.21023	.22580	.22266
1.549	11.895	1.38323	1.44528	1.24588	1.32482	.66626	.70172	.68842	.18107	.18898	.18117
1.550	13.923	1.40096	1.46218	1.27542	1.35412	.60828	.62336	.63706	.14152	.15376	.14723
1.549	15.882	1.41712	1.47931	1.30040	1.38102	.55220	.55428	.59241	.12637	.13525	.12514
1.549	17.875	1.41175	1.47634	1.31122	1.39397	.48826	.48206	.53179	.09956	.10331	.08490
	GRADIENT	.02120	.02160	.02305	.02358	-.02108	-.01195	-.02225	-.02254	-.02220	-.02200

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (HVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.700	-1.945	.74037	.74107	.56649	.57214	.61664	.63502	.64410	.31048	.31346	.30785
.701	.002	.80100	.80285	.63267	.64078	.62049	.60504	.61496	.27255	.27286	.27055
.702	2.035	.85676	.86100	.69688	.70621	.58259	.57128	.58862	.23328	.23257	.23191
.702	4.113	.90760	.91548	.75641	.76942	.53219	.53326	.56707	.19251	.19134	.19218
.703	6.181	.95079	.95900	.80932	.82188	.48892	.50028	.51803	.15452	.15298	.15313
	GRADIENT	.02757	.02875	.03136	.03251	-.01450	-.01679	-.01273	-.01946	-.02012	-.01908

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.200	-1.708	.59284	.60550	.43711	.45014	.57769	.53019	.56032	.26069	.27059	.26417
.200	.137	.67089	.67698	.51405	.52270	.57629	.50759	.53323	.23409	.24179	.23756
.200	2.134	.73326	.73719	.58617	.59273	.57955	.49089	.50156	.19666	.20012	.19440
.200	4.213	.78226	.78839	.64868	.65953	.51050	.48903	.46516	.15774	.15978	.15623
.200	6.138	.82756	.83788	.70273	.70712	.45046	.49151	.43533	.12382	.13020	.12376
.201	8.137	.86362	.86742	.74672	.75319	.40390	.46998	.38896	.09541	.09748	.09395
.201	10.165	.89976	.90992	.79772	.80206	.41000	.43564	.36311	.06083	.06649	.06223
.202	12.171	.91297	.92935	.82238	.83091	.36205	.39590	.33035	.03489	.03629	.03488
.203	14.189	.92201	.93826	.84472	.85319	.32319	.34839	.28757	.00071	.00282	.00072
.203	16.176	.91460	.93497	.84591	.86688	.29888	.31355	.24459	-.03239	-.03025	-.03096
	GRADIENT	.03181	.03072	.03570	.03529	-.01022	-.00703	-.01607	-.01755	-.01896	-.01860

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.396	-1.917	.63076	.64465	.46843	.48389	.59638	.56211	.58564	.28303	.28913	.28407
.397	.032	.70176	.70965	.54501	.55686	.60269	.52377	.55427	.25081	.25297	.24793
.397	1.999	.76151	.76818	.61301	.62016	.57514	.50329	.51846	.21293	.21356	.20890
.397	4.009	.81723	.82269	.67833	.68429	.51439	.50153	.48488	.17645	.17829	.17480
.397	6.022	.86482	.86671	.72846	.73560	.44704	.49068	.44935	.14125	.14312	.13923
.398	8.027	.89934	.90473	.77730	.78091	.40819	.46469	.41403	.10753	.10942	.10592
.398	10.028	.92663	.93317	.81412	.82243	.38671	.42436	.37376	.07418	.07649	.07337
.397	12.033	.94475	.95483	.84723	.85438	.34206	.39511	.33850	.04466	.04622	.04308
.397	14.026	.95336	.96816	.86986	.87938	.30861	.35818	.29679	.01469	.01549	.01430
.397	16.049	.95473	.97187	.87955	.89732	.27409	.31654	.25169	-.01569	-.01407	-.01487
	GRADIENT	.03135	.03001	.03533	.03365	-.01390	-.01021	-.01712	-.01811	-.01884	-.01858

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.598	-2.039	.67922	.69158	.50467	.52712	.61912	.65826	.60533	.29642	.30197	.29576
.600	.111	.75539	.76299	.58931	.60550	.60679	.57556	.56625	.25739	.25846	.25468
.600	2.039	.81459	.81904	.65444	.66753	.61212	.53403	.53353	.22046	.21932	.21675
.600	3.993	.86753	.86937	.71743	.72541	.57337	.49772	.49673	.18413	.18232	.18060
.600	6.000	.91315	.91599	.77336	.78035	.51168	.46577	.46585	.14730	.14662	.14507
.601	8.000	.94667	.94945	.81712	.82356	.45795	.43396	.43149	.11245	.11103	.10949
.600	10.064	.97632	.98013	.85747	.86499	.43332	.40298	.39743	.07634	.07579	.07545
.599	12.040	.99575	1.00214	.88859	.89821	.38954	.36948	.36603	.04447	.04463	.04446
.599	14.029	1.00419	1.01419	.90956	.92228	.35453	.33707	.33314	.01339	.01306	.01340
.599	16.077	1.00600	1.01911	.92632	.94165	.32630	.30156	.33132	-.01701	-.01733	-.01716
	GRADIENT	.03122	.02948	.03517	.03285	-.00656	-.02625	-.01791	-.01857	-.01989	-.01915

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.700	-2.042	.72016	.73050	.54479	.56426	.64212	.71659	.64865	.31106	.31728	.31173
.700	.148	.79514	.80255	.62901	.64269	.60907	.66491	.61065	.26834	.27138	.26761
.702	2.066	.85401	.85848	.69382	.70419	.59624	.61405	.58015	.23350	.23397	.23184
.701	3.979	.90292	.90490	.75035	.75826	.61393	.56341	.54800	.19831	.19664	.19601
.701	5.966	.94697	.94893	.80540	.81084	.53864	.52144	.51716	.16118	.16010	.15973
.700	8.031	.98282	.98599	.85203	.85871	.48777	.48663	.49019	.12413	.12295	.12367
.701	10.046	1.00950	1.01348	.88903	.89613	.45931	.45199	.48026	.08933	.08790	.08874
.699	12.047	1.02957	1.03561	.92089	.92882	.43484	.41265	.46819	.05544	.05432	.05474
.698	14.050	1.03778	1.04841	.94345	.95351	.40091	.37445	.39756	.02318	.02249	.02263
.696	16.054	1.04097	1.05452	.95855	.97319	.37827	.32975	.34128	-.00635	-.00710	-.00614
	GRADIENT	.03044	.02904	.03417	.03226	-.00504	-.02552	-.01664	-.01870	-.02000	-.01917

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.798	-1.998	.78005	.78868	.60483	.62264	.67568	.72245	.67804	.33677	.34149	.33683
.800	.022	.84414	.85028	.67727	.68984	.64553	.67345	.64580	.29809	.29993	.29678
.800	1.984	.89905	.90308	.74115	.74922	.62531	.62892	.61448	.26121	.26077	.25888
.800	3.965	.94879	.95001	.79818	.80453	.62848	.58830	.57978	.22364	.22172	.22086
.800	5.997	.99092	.99247	.85009	.85505	.58143	.55168	.55116	.18578	.18459	.18418
.800	7.982	1.02390	1.02612	.89207	.89807	.55730	.51294	.52424	.14929	.14802	.14771
.800	10.011	1.05076	1.05575	.93074	.93744	.53095	.47406	.48155	.11368	.11232	.11247
.800	11.995	1.06903	1.07504	.96022	.96796	.48402	.44280	.44335	.08104	.07960	.07938
.799	13.998	1.08138	1.09122	.98458	.99616	.44403	.40135	.40192	.04838	.04732	.04813
.799	16.024	1.08500	1.09909	1.00129	1.01749	.41285	.36466	.35651	.01672	.01638	.01754
	GRADIENT	.02827	.02705	.03244	.03048	-.00816	-.02252	-.01643	-.01895	-.02007	-.01944

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.850	-1.977	.81197	.82058	.63810	.65596	.69586	.72577	.69805	.35793	.36216	.35785
.850	-.062	.87126	.87661	.70457	.71791	.66594	.67837	.66490	.31984	.32195	.31881
.849	1.935	.92712	.92856	.76734	.77616	.64640	.64233	.63662	.28218	.28174	.27977
.850	3.949	.97500	.97608	.82423	.83144	.63918	.60279	.60292	.24407	.24279	.24157
.850	5.957	1.01622	1.01696	.87449	.88041	.61310	.56926	.57296	.20568	.20476	.20374
.850	7.985	1.04898	1.05229	.91768	.92488	.57984	.52922	.54295	.16965	.16769	.16698
.850	10.024	1.07588	1.07981	.95531	.96317	.55177	.49440	.50683	.13356	.13174	.13135
.850	11.988	1.09402	1.09955	.98392	.99339	.51053	.46224	.46338	.10005	.09869	.09818
.849	14.000	1.10642	1.11513	1.00904	1.02079	.46751	.42138	.41802	.06706	.06616	.06693
.850	16.025	1.11048	1.12317	1.02666	1.04202	.43943	.38824	.37579	.03773	.03675	.03772
	GRADIENT	.02754	.02620	.03140	.02956	-.00956	-.02047	-.01586	-.01918	-.02014	-.01961

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMPP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.900	-1.980	.84518	.85507	.67417	.69222	.72762	.75306	.72998	.38790	.39235	.38820
.901	-.001	.90487	.91076	.74097	.75382	.69463	.70937	.69729	.34979	.35142	.34880
.900	1.973	.95652	.96025	.79974	.80892	.67139	.66881	.66435	.31071	.31086	.30893
.900	3.975	1.00496	1.00594	.85559	.86238	.66594	.63440	.63541	.27284	.27201	.27128
.900	5.969	1.04318	1.04475	.90337	.90955	.64841	.60440	.60847	.23595	.23394	.23350
.900	7.987	1.07529	1.07927	.94657	.95337	.61737	.56610	.57109	.19838	.19690	.19665
.900	9.981	1.09971	1.10551	.98113	.98916	.56970	.53204	.53826	.16288	.16185	.16138
.899	11.999	1.11830	1.12562	1.01033	1.01989	.51728	.49391	.49620	.12856	.12776	.12749
.900	13.996	1.13140	1.14023	1.03473	1.04581	.47143	.46116	.45188	.09678	.09611	.09643
.900	16.018	1.13578	1.14914	1.05333	1.06743	.42022	.42214	.40316	.06678	.06572	.06696
.900	18.047	1.13153	1.14855	1.06179	1.08107	.36548	.37712	.34810	.03836	.03713	.03845
	GRADIENT	.02676	.02531	.03039	.02851	-.01049	-.01998	-.01596	-.01937	-.02024	-.01969

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.949	-1.982	.88055	.88758	.71133	.72789	.75829	.77262	.76370	.42661	.43031	.42678
.948	-.011	.93557	.93969	.77284	.78566	.72783	.73724	.73151	.38686	.38846	.38588
.950	1.936	.98831	.98921	.83250	.84124	.70603	.70445	.70221	.35082	.35101	.34900
.949	3.980	1.03365	1.03454	.88629	.89216	.69754	.66765	.66830	.31062	.30950	.30805
.950	5.987	1.07324	1.07323	.93458	.93988	.67802	.63225	.63898	.27160	.27013	.26915
.950	7.949	1.10469	1.10669	.97553	.98199	.64729	.60237	.60824	.23492	.23348	.23259
.949	10.002	1.12948	1.13291	1.01042	1.01746	.61133	.55801	.56852	.19726	.19624	.19514
.947	12.001	1.14733	1.15134	1.03871	1.04606	.57330	.52333	.52606	.16162	.16015	.15980
.951	14.039	1.16088	1.16831	1.06487	1.07507	.53704	.48844	.48397	.12940	.12844	.12838
.950	15.942	1.16439	1.17412	1.08165	1.09243	.49517	.45291	.43664	.09909	.09758	.09837
.952	18.019	1.16042	1.17622	1.09175	1.10917	.42374	.40854	.37785	.06946	.06807	.06905
	GRADIENT	.02580	.02471	.02946	.02764	-.01027	-.01753	-.01591	-.01936	-.02016	-.01982

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.980	-2.081	.89817	.90746	.73171	.74987	.78565	.78683	.79865	.45244	.45593	.45285
.980	.046	.95715	.96413	.79796	.81133	.75352	.75245	.77514	.40961	.41098	.40940
.980	2.007	1.00716	1.01075	.85424	.86486	.72544	.71737	.74793	.37012	.37030	.36891
.980	3.910	1.05149	1.05281	.90661	.91222	.69465	.67982	.72029	.33259	.33139	.33111
.979	5.939	1.09092	1.09192	.95354	.95944	.66004	.65054	.70130	.29372	.29254	.29263
.980	7.962	1.12298	1.12480	.99494	1.00113	.62155	.61008	.66810	.25439	.25408	.25454
.980	9.950	1.14691	1.14982	1.02893	1.03541	.58633	.57652	.63429	.21760	.21656	.21703
.980	12.006	1.16747	1.17149	1.06018	1.06780	.54235	.54118	.59405	.18131	.18029	.18057
.980	13.993	1.17810	1.18460	1.08389	1.09178	.50131	.50795	.55042	.14757	.14638	.14722
.980	16.016	1.18415	1.19372	1.10334	1.11347	.45579	.46910	.49431	.11554	.11400	.11614
.980	18.015	1.18036	1.19600	1.11211	1.12860	.41238	.42256	.44605	.08618	.08447	.08688
	GRADIENT	.02561	.02424	.02916	.02714	-.01510	-.01784	-.01314	-.02002	-.02079	-.02035

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.050	-1.963	.96128	.96934	.80056	.81655	.83459	.83614	.84304	.50563	.50912	.50556
1.049	-.011	1.01376	1.01763	.85835	.86991	.80484	.80252	.81953	.46559	.46693	.46475
1.049	1.940	1.06141	1.06346	.91260	.92122	.78588	.77343	.79555	.42685	.42653	.42504
1.050	3.965	1.10344	1.10426	.96279	.96875	.76433	.73317	.76066	.38506	.38396	.38337
1.049	5.981	1.14046	1.14066	1.00708	1.01246	.74177	.70164	.72740	.34398	.34321	.34251
1.050	7.988	1.16922	1.17058	1.04618	1.05098	.70866	.66533	.71303	.30379	.30304	.30324
1.050	10.014	1.19348	1.19629	1.08003	1.08602	.65472	.63424	.68193	.26391	.26298	.26358
1.049	12.002	1.21165	1.21622	1.10793	1.11512	.60643	.59838	.65918	.22498	.22447	.22447
1.049	13.994	1.22116	1.22929	1.12837	1.13854	.58120	.56927	.61827	.18697	.18569	.18629
1.049	16.017	1.22757	1.23570	1.14689	1.15677	.53892	.53855	.57990	.15017	.14852	.14980
1.050	17.994	1.22582	1.23871	1.15847	1.17252	.48746	.50462	.52107	.12277	.12163	.12391
	GRADIENT	.02402	.02283	.02740	.02573	-.01164	-.01714	-.01375	-.02030	-.02108	-.02059

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.100	-1.895	.99935	1.00808	.84149	.85844	.87332	.87568	.88556	.54997	.55353	.55081
1.100	-.033	1.04862	1.05505	.89645	.91002	.84267	.84360	.86311	.51098	.51240	.51090
1.100	1.941	1.09570	1.09841	.94867	.95858	.82007	.81110	.83374	.47116	.47109	.47015
1.101	4.017	1.13813	1.13855	.99858	1.00455	.80689	.77421	.80195	.43065	.42967	.42882
1.100	6.001	1.17339	1.17321	1.04143	1.04657	.79212	.74165	.77252	.39066	.38942	.38933
1.100	8.012	1.20217	1.20422	1.07924	1.08552	.75176	.70550	.74374	.35020	.34954	.34964
1.100	10.034	1.22434	1.22722	1.11044	1.11814	.70586	.67623	.71789	.30987	.30943	.30961
1.099	12.005	1.24235	1.24663	1.13908	1.14709	.66607	.64120	.69846	.26944	.26911	.26902
1.100	13.998	1.25181	1.25947	1.15903	1.16958	.62885	.61414	.66125	.23055	.22958	.23006
1.101	16.034	1.25672	1.26804	1.17696	1.19034	.58740	.58596	.62264	.19507	.19375	.19535
1.100	18.066	1.25485	1.27013	1.18658	1.20365	.53299	.54990	.56490	.11169	.11127	.10674
	GRADIENT	.02348	.02203	.02653	.02467	-.01120	-.01710	-.01423	-.02017	-.02094	-.02063

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-1.882	1.03093	1.04054	.87216	.88989	.88867	.89017	.93273	.55867	.56252	.56049
1.151	.029	1.08038	1.08635	.92582	.93913	.85959	.85554	.90641	.51779	.51981	.51889
1.149	2.084	1.12637	1.13010	.97819	.98905	.83340	.81962	.87312	.47369	.47408	.47362
1.149	3.966	1.16611	1.16730	1.02412	1.03138	.82042	.78724	.83603	.43257	.43170	.43152
1.149	6.005	1.20057	1.20174	1.06618	1.07318	.80481	.75061	.79303	.38665	.38580	.38552
1.150	8.013	1.22940	1.23110	1.10395	1.11040	.76833	.72052	.75852	.33992	.34002	.33974
1.150	10.051	1.25151	1.25429	1.13572	1.14274	.72838	.69631	.72744	.29248	.29187	.29150
1.150	12.043	1.26948	1.27417	1.16344	1.17157	.69279	.66875	.70761	.24040	.23954	.23825
1.149	14.054	1.28011	1.28977	1.18509	1.19793	.65139	.64420	.69002	.17928	.17569	.17486
1.149	16.042	1.28673	1.29695	1.20272	1.21585	.60419	.61359	.65117	.13656	.13225	.13391
1.150	18.083	1.28631	1.29984	1.21564	1.23181	.52408	.55613	.56831	.10492	.10091	.10377
	GRADIENT	.02304	.02164	.02593	.02421	-.01180	-.01759	-.01649	-.02155	-.02236	-.02205

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.199	-1.899	1.05982	1.06650	.89781	.91307	.89853	.89702	.93474	.55519	.55943	.55734
1.200	.031	1.10591	1.11036	.94817	.96096	.86915	.86627	.90256	.50925	.51151	.51078
1.201	1.923	1.14913	1.15083	.99647	1.00545	.84684	.83179	.86314	.46188	.46253	.46172
1.200	3.944	1.19007	1.19120	1.04514	1.05254	.83791	.79705	.82635	.41061	.40985	.40904
1.201	5.950	1.22534	1.22563	1.08776	1.09383	.82230	.76668	.79769	.35345	.35236	.35100
1.193	8.010	1.25296	1.25486	1.12435	1.13125	.78864	.74269	.77406	.29491	.29267	.29140
1.199	10.011	1.27567	1.27999	1.15727	1.16500	.75645	.71843	.75088	.24990	.24760	.24769
1.200	12.066	1.29461	1.29998	1.18550	1.19510	.71289	.69068	.73526	.20685	.20494	.20594
1.200	14.048	1.30594	1.31482	1.20718	1.22058	.66109	.65243	.70406	.17081	.16919	.17046
1.200	16.006	1.31207	1.32364	1.22560	1.24035	.59162	.60514	.63458	.14745	.14684	.14918
1.200	18.059	1.31499	1.32869	1.24081	1.25744	.52645	.55641	.56884	.12320	.12207	.12288
	GRADIENT	.02234	.02134	.02524	.02383	-.01048	-.01722	-.01877	-.02478	-.02563	-.02544

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.219	-1.949	1.07205	1.07968	.90716	.92343	.90470	.90243	.91810	.54761	.55116	.54801
1.220	.000	1.12042	1.12624	.96050	.97413	.87698	.86789	.89276	.49664	.49864	.49677
1.220	1.906	1.16258	1.16570	1.00704	1.01862	.85719	.83507	.85436	.44690	.44706	.44518
1.219	3.926	1.20053	1.20332	1.05265	1.06363	.85047	.80621	.82314	.39093	.38945	.38748
1.220	5.932	1.23625	1.23870	1.09658	1.10579	.83046	.77565	.78992	.33296	.33043	.32827
1.220	7.974	1.26283	1.26556	1.13276	1.14168	.80037	.74767	.76696	.29046	.28776	.28668
1.220	9.977	1.28558	1.28975	1.16513	1.17434	.76208	.72710	.74256	.24532	.24353	.24343
1.219	12.006	1.30196	1.30670	1.19122	1.20103	.72410	.69852	.72547	.20766	.20648	.20658
1.220	13.988	1.31621	1.32124	1.21687	1.22551	.66549	.64958	.68249	.17777	.17631	.17690
1.220	16.019	1.32347	1.32879	1.23606	1.24443	.60368	.60393	.64165	.14822	.14746	.14549
1.218	17.980	1.32355	1.33656	1.24720	1.26416	.55459	.56664	.59000	.12112	.12067	.11663
	GRADIENT	.02188	.02100	.02472	.02381	-.00932	-.01645	-.01655	-.02662	-.02749	-.02731

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.240	-2.006	1.07675	1.08723	.91236	.93143	.91050	.90914	.92407	.54105	.54369	.54007
1.239	.029	1.12715	1.13435	.96651	.98291	.87990	.86859	.89198	.48648	.48700	.48486
1.240	1.967	1.16838	1.17175	1.01433	1.02551	.86240	.83990	.85783	.42935	.42844	.42609
1.239	4.034	1.20851	1.21069	1.06264	1.07123	.85680	.81094	.82398	.36668	.36344	.36041
1.240	5.980	1.24098	1.24430	1.10155	1.11103	.83616	.78126	.79871	.32284	.31924	.31758
1.240	7.979	1.27177	1.27564	1.14030	1.15035	.81047	.75570	.77196	.27961	.27536	.27350
1.240	10.012	1.29330	1.30035	1.17087	1.18384	.77324	.73231	.75236	.24526	.24211	.23977
1.240	11.996	1.30971	1.32026	1.19781	1.21313	.72675	.69663	.69011	.20879	.20742	.20596
1.240	14.012	1.32147	1.33434	1.22066	1.23833	.66667	.64822	.67830	.17410	.17265	.16934
1.239	16.012	1.32920	1.34237	1.23976	1.25803	.61111	.60786	.64443	.15223	.15119	.14523
1.240	18.026	1.33117	1.34492	1.25549	1.27289	.55106	.56155	.58587	.11533	.11625	.10961
	GRADIENT	.02175	.02033	.02486	.02304	-.00890	-.01612	-.01667	-.02893	-.02988	-.02981

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	-1.990	1.09863	1.11479	.93140	.95609	.93148	.95367	.94179	.50302	.50867	.50642
1.299	.002	1.14732	1.16115	.98665	1.00702	.90224	.92125	.91285	.43742	.44168	.44066
1.300	1.989	1.19078	1.19996	1.03363	1.05140	.88297	.89532	.88693	.38759	.39122	.39231
1.300	3.995	1.22679	1.23679	1.07704	1.09332	.87318	.86673	.86212	.33861	.34141	.34431
1.300	6.004	1.26234	1.27318	1.11887	1.13660	.85400	.83658	.84381	.29869	.30027	.30354
1.300	8.026	1.29097	1.30153	1.15707	1.17310	.83271	.81265	.83060	.25972	.26211	.26567
1.300	9.976	1.31415	1.32499	1.18832	1.20523	.77538	.77642	.78397	.21769	.22079	.22559
1.300	12.011	1.33756	1.35063	1.22204	1.24008	.72773	.72471	.72563	.17843	.18195	.18788
1.300	14.019	1.34640	1.36239	1.24311	1.26287	.66561	.68769	.66756	.15141	.15456	.15904
1.299	15.969	1.35226	1.37053	1.25943	1.28321	.61898	.64333	.62266	.12282	.12455	.13104
1.300	18.050	1.35399	1.37690	1.27434	1.30219	.57605	.58108	.53069	.09546	.09558	.10187
	GRADIENT	.02146	.02030	.02427	.02287	-.00974	-.01438	-.01329	-.02723	-.02769	-.02681

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.399	-1.985	1.14198	1.14680	.96760	.98087	.96338	.98191	.97529	.49090	.49477	.49178
1.400	.022	1.19048	1.19183	1.02010	1.02993	.94043	.95293	.95290	.45189	.45273	.45011
1.400	1.962	1.23509	1.23527	1.06806	1.07676	.91744	.92794	.92363	.40807	.40629	.40117
1.399	3.977	1.27925	1.27826	1.12072	1.12629	.90238	.90373	.89741	.35426	.35215	.34872
1.400	5.952	1.30942	1.31014	1.15641	1.16427	.87569	.87530	.87044	.32265	.32171	.31799
1.400	7.986	1.34038	1.34680	1.19686	1.20988	.81193	.82557	.83075	.26999	.27273	.27167
1.400	9.965	1.36175	1.36759	1.22572	1.23846	.76960	.79211	.79328	.22565	.23282	.23556
1.400	11.982	1.38031	1.38671	1.25437	1.26768	.72404	.74395	.73684	.18589	.19366	.19630
1.400	13.992	1.39436	1.40475	1.28271	1.29631	.65435	.70288	.68233	.14071	.15368	.15994
1.400	15.951	1.40694	1.41418	1.30534	1.31865	.59211	.65121	.62896	.10590	.11967	.12811
1.400	17.977	1.41120	1.41872	1.32221	1.33409	.54905	.59239	.56101	.07979	.09568	.10669
	GRADIENT	.02302	.02209	.02559	.02437	-.01039	-.01309	-.01326	-.02289	-.02393	-.02412

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.550	-1.859	1.17660	1.17722	.99629	1.00587	.99229	1.01113	1.01206	.48288	.48342	.48062
1.550	.031	1.21810	1.22060	1.04142	1.05135	.96587	.98444	.98950	.44106	.43836	.43501
1.550	2.052	1.26227	1.26316	1.09079	1.09821	.94390	.94760	.93396	.39016	.38739	.38370
1.551	4.093	1.30238	1.30072	1.13690	1.14241	.89898	.90963	.87797	.38013	.37780	.37020
1.550	6.060	1.33836	1.33794	1.17946	1.18434	.83717	.86774	.81747	.31934	.31823	.31178
1.550	8.088	1.36830	1.36944	1.21874	1.22583	.80252	.86181	.78631	.26616	.26888	.26074
1.550	10.082	1.39348	1.39366	1.25346	1.25897	.71222	.81825	.72162	.23210	.23644	.22977
1.550	12.062	1.41440	1.41863	1.28492	1.29266	.64816	.77461	.66201	.19821	.19805	.18427
1.550	14.095	1.44308	1.44672	1.32205	1.32853	.59197	.72421	.63561	.16430	.16755	.15809
1.549	16.084	1.44564	1.45309	1.34002	1.34905	.49907	.65745	.60080	.12635	.13249	.12470
	GRADIENT	.02120	.02076	.02370	.02296	-.01521	-.01719	-.02310	-.01802	-.01844	-.01919

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.201	-1.827	.55874	.62230	.40548	.46944	.56726	.54395	.56294	.24250	.26149	.26655
.201	.217	.64752	.70677	.49005	.55826	.54105	.50709	.53887	.21560	.23319	.23823
.203	2.133	.69803	.75636	.55130	.62061	.50503	.47786	.50288	.18434	.20031	.20456
.204	4.121	.75162	.81547	.61489	.68548	.47790	.43859	.46333	.15048	.16282	.16702
.203	6.092	.79285	.86138	.66547	.73664	.45417	.41036	.42068	.11356	.12395	.12816
.204	7.842	.82793	.89805	.70971	.78873	.43753	.38570	.38766	.08601	.09358	.09706
.200	9.797	.86988	.92742	.75611	.82715	.44639	.35618	.35177	.05807	.06235	.06451
.200	11.702	.88264	.94682	.78144	.85704	.43190	.34139	.30894	.02214	.02286	.02574
.201	13.722	.88246	.95044	.80129	.87418	.40510	.32168	.26807	-.01452	-.01163	-.01093
.201	15.703	.89419	.95345	.81325	.88808	.34985	.33284	.24736	-.03308	-.02947	-.03162
	GRADIENT	.03188	.03187	.03491	.03598	-.01538	-.01748	-.01692	-.01554	-.01663	-.01680

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.397	-1.949	.60561	.66766	.44204	.51275	.59030	.55745	.58435	.26693	.28518	.29155
.398	.036	.67299	.73491	.51439	.58500	.54132	.52144	.54714	.23092	.24722	.25239
.398	2.027	.73677	.79733	.58326	.65254	.51854	.49176	.51506	.19876	.21231	.21667-
.398	4.034	.78490	.84886	.63981	.71486	.48860	.45707	.47450	.16404	.17564	.18038
.398	6.021	.82818	.89447	.69127	.76868	.46388	.42179	.43562	.12982	.13872	.14423
.399	7.888	.86307	.93157	.73693	.81538	.45495	.39773	.40579	.09917	.10731	.11084
.399	9.869	.89064	.95913	.77501	.85465	.46138	.36905	.36192	.06805	.07114	.07506
.399	11.864	.91214	.97946	.80938	.88669	.43139	.34607	.32725	.04189	.04344	.04540
.399	13.871	.92312	.98934	.83079	.90702	.39619	.32951	.29545	.00933	.01170	.01325
.399	15.864	.92637	.99017	.84702	.92199	.34278	.31711	.25387	-.01831	-.01709	-.01633
.398	17.907	.91911	.98428	.85358	.93114	.30311	.29848	.24442	-.04354	-.04152	-.04272
	GRADIENT	.03016	.03038	.03320	.03379	-.01643	-.01659	-.01814	-.01709	-.01823	-.01852

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.600	-1.921	.65819	.72531	.48399	.56432	.61217	.66158	.60358	.28046	.29893	.30186
.600	.057	.72473	.78966	.55638	.63356	.58112	.63873	.56636	.24369	.25889	.26182
.601	2.070	.78480	.84802	.62348	.70002	.54349	.61026	.52826	.20683	.22014	.22323
.600	4.093	.83519	.89652	.68001	.75737	.50916	.57098	.49027	.17127	.18223	.18637
.602	6.111	.87549	.94072	.73213	.81237	.47460	.52486	.45166	.13549	.14471	.15021
.601	8.014	.90757	.97519	.77279	.85543	.44429	.48001	.40805	.10115	.10728	.11208
.601	10.027	.94088	1.00508	.81858	.89685	.42445	.42876	.37469	.06865	.07224	.07603
.601	11.881	.96093	1.02342	.84768	.92733	.39626	.38353	.34250	.03939	.04127	.04436
.600	13.852	.97263	1.03692	.87442	.95234	.36056	.35346	.35624	.00924	.01029	.01270
.599	15.888	.97683	1.04013	.89047	.96897	.32349	.31171	.38179	-.02080	-.02026	-.01801
.600	17.886	.96884	1.03509	.89561	.97804	.28973	.26815	.31901	-.04597	-.04610	-.04456
	GRADIENT	.02946	.02851	.03266	.03218	-.01729	-.01498	-.01885	-.01817	-.01939	-.01920

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.697	-1.908	.69858	.76372	.52197	.59921	.63345	.69458	.66781	.29529	.31249	.31757
.700	.005	.76246	.82597	.59303	.66985	.60281	.67515	.65678	.25833	.27409	.27927
.701	2.105	.82468	.88434	.66090	.73513	.56850	.64772	.62939	.22053	.23287	.23761
.701	4.058	.87199	.93333	.71672	.79268	.53765	.59261	.58376	.18463	.19522	.20078
.702	6.096	.91386	.97811	.76798	.84565	.50459	.53854	.51857	.14918	.15829	.16329
.700	7.970	.94473	1.01122	.80793	.88915	.47878	.49336	.49693	.11422	.12050	.12508
.699	10.039	.97523	1.04032	.84867	.92971	.44885	.45183	.49875	.07917	.08298	.08616
.699	11.895	.99382	1.05939	.87867	.96023	.43575	.41723	.43695	.05011	.05229	.05534
.699	13.859	1.00592	1.07113	.90391	.98389	.40345	.37788	.38562	.01987	.02112	.02360
.698	15.880	1.01025	1.07553	.92222	1.00188	.36120	.33352	.33839	-.00985	-.00926	-.00679
.699	17.891	1.00485	1.07430	.93046	1.01513	.33231	.29756	.28877	-.03660	-.03627	-.03546
	GRADIENT	.02912	.02835	.03260	.03227	-.01609	-.01667	-.01399	-.01849	-.01965	-.01960

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2620.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.799	-2.004	.75149	.81655	.57520	.65362	.66588	.73882	.70116	.32353	.34073	.34604
.799	-.017	.81307	.87501	.64299	.71901	.63349	.70922	.68334	.28542	.30046	.30483
.800	2.012	.86950	.92942	.70541	.78086	.60005	.67450	.66456	.24777	.25982	.26434
.800	3.963	.91575	.97639	.75987	.83574	.57100	.63369	.63280	.21176	.22214	.22685
.800	6.025	.95528	1.01867	.80881	.88711	.53690	.58811	.57958	.17461	.18364	.18937
.800	7.926	.98707	1.05182	.84898	.93005	.50936	.54630	.54995	.14001	.14698	.15142
.800	9.993	1.01382	1.08160	.88664	.97110	.48732	.50131	.52232	.10500	.10956	.11353
.800	11.885	1.03650	1.10016	.92069	1.00035	.46234	.47043	.44389	.07619	.07904	.08219
.800	13.917	1.04981	1.11419	.94681	1.02617	.41111	.42788	.39925	.04407	.04637	.04893
.800	15.945	1.05464	1.12034	.96633	1.04561	.38571	.37746	.35478	.01472	.01554	.01762
.800	17.930	1.05073	1.11751	.97522	1.05628	.34389	.33285	.31052	-.01243	-.01204	-.01113
	GRADIENT	.02756	.02679	.03094	.03052	-.01596	-.01756	-.01122	-.01871	-.01990	-.01997

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.849	-1.913	.78845	.84619	.61204	.68520	.68660	.75951	.70786	.34412	.36013	.36445
.849	.022	.84386	.90371	.67467	.74873	.65506	.72723	.70105	.30618	.32043	.32465
.850	1.976	.89588	.95530	.73276	.80770	.62472	.68480	.68491	.26966	.28187	.28607
.850	4.042	.94359	1.00201	.78792	.86222	.59335	.64435	.65484	.23193	.24223	.24663
.850	6.043	.97974	1.04327	.83392	.91238	.56148	.60337	.60091	.19489	.20414	.20895
.850	7.988	1.01131	1.07768	.87273	.95663	.53323	.56440	.54029	.15955	.16644	.17091
.850	10.078	1.04321	1.10565	.91602	.99536	.49518	.52504	.49836	.12440	.12960	.13287
.850	11.928	1.06111	1.12314	.94412	1.02367	.46674	.48686	.45862	.09451	.09832	.10126
.849	13.950	1.07529	1.13708	.97236	1.04976	.43411	.44616	.41757	.06298	.06543	.06857
.850	15.933	1.08015	1.14448	.99021	1.06951	.41026	.40615	.36822	.03446	.03564	.03737
.850	17.980	1.07541	1.14169	.99807	1.08093	.35957	.35512	.32431	.00641	.00664	.00750
	GRADIENT	.02609	.02617	.02954	.02975	-.01564	-.01958	-.00888	-.01882	-.01979	-.01978

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.901	-1.991	.81642	.87745	.64330	.71860	.71746	.78644	.74691	.37533	.39167	.39545
.899	-.038	.87476	.93436	.70772	.78165	.68804	.74983	.72885	.33672	.35109	.35548
.899	1.974	.92676	.98573	.76703	.83945	.65518	.71209	.71247	.29845	.31093	.31479
.900	3.952	.97135	1.02963	.81757	.89176	.62502	.67395	.68745	.26246	.27241	.27677
.900	5.989	1.00795	1.06987	.86302	.94088	.59211	.63736	.63960	.22479	.23417	.23872
.900	7.876	1.03819	1.10351	.90320	.98358	.56275	.60041	.57855	.18952	.19691	.20053
.900	10.025	1.06856	1.13040	.94385	1.02075	.52585	.55256	.52679	.15355	.15852	.16182
.900	11.900	1.08647	1.14917	.97158	1.05027	.49060	.51903	.48811	.12307	.12653	.13002
.900	13.924	1.10085	1.16257	.99826	1.07504	.46030	.48534	.44504	.09158	.09426	.09723
.899	15.891	1.10780	1.16985	1.01825	1.09507	.43162	.44571	.39476	.06266	.06405	.06579
.899	17.929	1.10294	1.16818	1.02691	1.10726	.38283	.39725	.34863	.03443	.03534	.03514
	GRADIENT	.02604	.02560	.02934	.02909	-.01564	-.01891	-.00982	-.01900	-.02006	-.02000

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.950	-1.972	.85184	.91282	.68171	.75713	.75256	.81392	.77730	.41280	.42940	.43338
.950	.045	.90963	.96805	.74570	.81803	.71838	.78066	.76192	.37434	.38839	.39256
.950	1.988	.95864	1.01522	.79955	.87208	.69003	.73780	.74304	.33706	.34881	.35344
.950	4.016	1.00310	1.05877	.85157	.92322	.65669	.70183	.71718	.29961	.30956	.31341
.950	6.057	1.03767	1.09735	.89452	.97021	.62580	.66459	.66091	.26145	.27048	.27403
.950	7.981	1.06882	1.13025	.93483	1.01172	.58602	.62251	.60356	.22430	.23201	.23584
.951	10.031	1.09518	1.15794	.96976	1.05000	.55865	.58154	.55974	.18829	.19343	.19752
.950	11.930	1.11755	1.17623	1.00364	1.07813	.52646	.54329	.51661	.15762	.16096	.16437
.949	14.018	1.12981	1.19032	1.02792	1.10507	.49376	.50973	.47150	.12307	.12491	.12803
.950	15.938	1.13504	1.19590	1.04575	1.12212	.47405	.47299	.42693	.09463	.09534	.09700
.950	17.931	1.13564	1.19728	1.06002	1.13658	.41896	.42943	.37969	.06660	.06724	.06706
	GRADIENT	.02526	.02436	.02830	.02774	-.01588	-.01904	-.01001	-.01893	-.02005	-.02004

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.980	-2.030	.87304	.93314	.70494	.77923	.77583	.81221	.80110	.43793	.45372	.45800
.980	.010	.92916	.98756	.76656	.83924	.74132	.77799	.77640	.39670	.41065	.41494
.980	1.987	.97940	1.03524	.82269	.89398	.71052	.74410	.74981	.35892	.37019	.37373
.980	4.017	1.02405	1.07900	.87439	.94483	.67815	.70947	.72079	.32117	.33106	.33506
.979	6.008	1.05889	1.11753	.91712	.99160	.64502	.67609	.69278	.28281	.29153	.29657
.979	7.948	1.08843	1.14790	.95695	1.03064	.61336	.63826	.65891	.24567	.25189	.25684
.981	9.975	1.11564	1.17669	.99272	1.06941	.57739	.60757	.61845	.20912	.21368	.21843
.979	11.942	1.13609	1.19364	1.02294	1.09723	.54214	.54963	.54771	.17431	.17795	.18204
.980	13.938	1.14805	1.20709	1.04689	1.12155	.50511	.50616	.50734	.14208	.14397	.14841
.979	15.929	1.15439	1.21319	1.06598	1.13985	.46229	.47140	.46455	.11125	.11241	.11473
.981	17.964	1.15194	1.21444	1.07623	1.15411	.41433	.43682	.41356	.08179	.08194	.08268
.980	18.933	1.14802	1.21315	1.07973	1.15942	.39043	.41909	.38548	.06857	.06817	.06761
	GRADIENT	.02502	.02412	.02806	.02742	-.01610	-.01701	-.01330	-.01929	-.02030	-.02038

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.051	-1.981	.93428	.98902	.77146	.83982	.82697	.86956	.85178	.49359	.50928	.51274
1.049	.002	.98586	1.03974	.82723	.89632	.79618	.83584	.82610	.45418	.46803	.47151
1.050	2.007	1.03324	1.08642	.88134	.94888	.76584	.80248	.79724	.41491	.42658	.42965
1.049	4.009	1.07383	1.12669	.92847	.99573	.73442	.76658	.76673	.37559	.38521	.38868
1.051	6.077	1.10809	1.16378	.97131	1.04114	.70606	.73726	.73832	.33650	.34523	.34909
1.050	7.994	1.13533	1.19333	1.00610	1.07914	.67581	.70192	.70717	.29697	.30374	.30868
1.050	9.971	1.15999	1.21823	1.03913	1.11392	.64673	.66214	.69202	.25670	.26151	.26615
1.050	11.999	1.18058	1.23761	1.07100	1.14372	.62440	.62289	.64155	.21860	.22195	.22620
1.049	13.935	1.19328	1.25009	1.09364	1.16648	.59887	.58606	.58935	.18236	.18406	.18821
1.049	15.931	1.20015	1.25761	1.11259	1.18521	.56618	.56315	.53321	.14735	.14757	.15005
1.049	17.964	1.19843	1.25892	1.12446	1.19865	.50844	.53009	.47992	.12009	.12034	.12133
1.050	18.963	1.19377	1.25751	1.12519	1.20441	.48088	.51292	.45327	.09902	.09888	.09740
	GRADIENT	.02333	.02301	.02629	.02604	-.01542	-.01714	-.01422	-.01969	-.02071	-.02072

L-2

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.100	-2.011	.97228	1.02666	.81276	.88102	.86315	.90697	.89115	.53875	.55407	.55754
1.100	.036	1.02417	1.07737	.86888	.93659	.82959	.87312	.86438	.49776	.51159	.51478
1.099	1.984	1.06818	1.12032	.91797	.98583	.80260	.83771	.83549	.45995	.47166	.47505
1.099	4.064	1.10970	1.16074	.96694	1.03264	.77306	.80594	.80714	.41967	.42944	.43265
1.101	6.016	1.14014	1.19488	1.00348	1.07378	.74259	.77435	.77756	.38112	.38979	.39404
1.099	7.998	1.16867	1.22458	1.04065	1.11160	.71311	.73951	.74361	.34195	.34838	.35282
1.101	9.959	1.19254	1.25061	1.07347	1.14831	.68609	.70168	.72561	.30042	.30498	.30904
1.100	11.929	1.21224	1.26684	1.10320	1.17288	.66872	.66815	.68362	.26412	.26681	.27068
1.100	13.880	1.22675	1.28091	1.12788	1.19766	.64044	.62604	.63530	.22604	.22742	.23147
1.101	15.863	1.23151	1.28760	1.14484	1.21570	.60673	.59938	.57514	.19214	.19252	.19487
1.100	17.929	1.23114	1.28810	1.15682	1.22857	.55042	.57096	.52307	.10566	.10448	.09960
	GRADIENT	.02261	.02207	.02536	.02499	-.01474	-.01677	-.01392	-.01958	-.02051	-.02054

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.149	-1.946	1.00528	1.06047	.84285	.91336	.88035	.92028	.91330	.54737	.56338	.56753
1.151	.041	1.05427	1.10879	.89701	.96607	.84833	.88460	.88760	.50416	.51806	.52192
1.149	2.010	1.09811	1.15126	.94573	1.01458	.81855	.85317	.85649	.46326	.47507	.47885
1.150	4.046	1.13787	1.19096	.99215	1.06100	.78961	.81979	.82644	.41902	.42910	.43306
1.150	6.022	1.16967	1.22551	1.03111	1.10219	.75943	.78989	.79133	.37454	.38328	.38779
1.149	7.940	1.19675	1.25405	1.06599	1.13914	.73271	.75877	.75970	.32937	.33584	.34054
1.151	9.996	1.22556	1.27866	1.10425	1.17269	.71967	.72026	.73863	.28025	.28425	.28766
1.150	11.910	1.24230	1.29597	1.13062	1.19965	.69960	.69436	.70531	.23445	.23692	.23987
1.150	13.852	1.25525	1.30835	1.15381	1.22285	.67300	.66332	.65936	.17234	.17216	.17511
1.149	15.884	1.26138	1.31478	1.17180	1.24060	.63317	.63289	.60184	.13013	.13017	.13238
1.150	17.883	1.26342	1.31876	1.18657	1.25622	.55291	.57282	.52550	.09975	.10063	.10239
	GRADIENT	.02213	.02175	.02489	.02463	-.01514	-.01669	-.01462	-.02136	-.02235	-.02238

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.200	-2.026	1.03183	1.08478	.86699	.93474	.88965	.92959	.92598	.54307	.55966	.56417
1.200	.095	1.08045	1.13230	.91962	.98795	.85748	.89525	.89709	.49513	.50940	.51329
1.200	1.941	1.12019	1.17334	.96456	1.03370	.83174	.86245	.86784	.44837	.46095	.46474
1.201	4.006	1.16175	1.21381	1.01281	1.08011	.80565	.83095	.83474	.39602	.40619	.41026
1.200	6.036	1.19516	1.24914	1.05205	1.12295	.78120	.80407	.80247	.33968	.34782	.35261
1.199	7.909	1.22098	1.27584	1.08606	1.15763	.75881	.77245	.77225	.27942	.28407	.28724
1.201	9.941	1.24315	1.30150	1.11805	1.19315	.73928	.74965	.76060	.23194	.23390	.23653
1.199	11.883	1.26387	1.31897	1.14876	1.22092	.72279	.71413	.71887	.20080	.20152	.20252
1.199	13.868	1.27763	1.33262	1.17305	1.24453	.69169	.67842	.66448	.17181	.17173	.17137
1.199	15.898	1.28560	1.34128	1.19206	1.26395	.63156	.62344	.58090	.14433	.14182	.13722
1.200	17.950	1.28848	1.34625	1.20695	1.28093	.55975	.56486	.49972	.11921	.11483	.10383
	GRADIENT	.02154	.02147	.02419	.02416	-.01393	-.01648	-.01518	-.02446	-.02551	-.02558

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.299	-1.986	1.07269	1.13900	.90326	.98416	.91691	.97194	.96585	.49253	.51059	.51518
1.300	-.006	1.12320	1.18421	.95775	1.03480	.89156	.93786	.94159	.42967	.44574	.45088
1.300	2.003	1.16730	1.22533	1.00531	1.08062	.86805	.91219	.91999	.38188	.39603	.40194
1.300	4.023	1.20170	1.26093	1.04850	1.12333	.84331	.88432	.88201	.33756	.35061	.35681
1.301	6.014	1.23430	1.29805	1.08712	1.16762	.81662	.85033	.83994	.29335	.30689	.31634
1.301	7.960	1.26624	1.32442	1.12875	1.20311	.79760	.82203	.80733	.26067	.27471	.28492
1.300	9.956	1.29478	1.34976	1.16485	1.23630	.77806	.79353	.76066	.21078	.22274	.23312
1.300	11.944	1.31848	1.36965	1.19934	1.26496	.74395	.74699	.69138	.17266	.18282	.18990
1.299	13.928	1.32999	1.38173	1.22326	1.29004	.69000	.70717	.64379	.13877	.14867	.15728
1.300	15.933	1.33915	1.38691	1.24410	1.30463	.65257	.66109	.58319	.10827	.11725	.12528
1.300	17.979	1.33924	1.38972	1.25643	1.31999	.59263	.61853	.50284	.08179	.09091	.09769
	GRADIENT	.02151	.02030	.02412	.02312	-.01219	-.01440	-.01364	-.02558	-.02643	-.02615

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.400	-1.935	1.11879	1.16873	.94067	1.00595	.95075	.99927	.98551	.47803	.49183	.49513
1.400	.005	1.16408	1.21772	.98909	1.05867	.92428	.97022	.97705	.44373	.45546	.45837
1.400	1.991	1.20353	1.26097	1.03365	1.10739	.89912	.94400	.94999	.40410	.41350	.41497
1.400	4.002	1.24418	1.30221	1.07878	1.15572	.87307	.91683	.92054	.35576	.36645	.37097
1.399	6.067	1.27659	1.33796	1.12259	1.20058	.83674	.88186	.83436	.30132	.31281	.31855
1.400	8.005	1.30607	1.36840	1.15962	1.23912	.81144	.84530	.80108	.25605	.26755	.27564
1.400	10.062	1.32874	1.38658	1.19063	1.26683	.78299	.79831	.75489	.22465	.23524	.24142
1.399	11.982	1.35249	1.40762	1.22318	1.29443	.72322	.74402	.69705	.19412	.20774	.21029
1.400	13.953	1.36767	1.42128	1.25115	1.31973	.68380	.69598	.64366	.15313	.16896	.17513
1.400	15.999	1.37689	1.43445	1.27219	1.34415	.63808	.66025	.59311	.11692	.13420	.14073
1.400	17.976	1.38422	1.44144	1.28792	1.36238	.58893	.62079	.49429	.07952	.10063	.10648
	GRADIENT	.02099	.02240	.02317	.02515	-.01304	-.01381	-.01123	-.02054	-.02113	-.02101

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.549	-1.816	1.15161	1.20251	.96901	1.03524	.98050	1.01804	1.02214	.47112	.48581	.48945
1.550	.129	1.19139	1.24330	1.01200	1.07865	.94905	.98855	.97239	.43216	.44426	.44588
1.551	2.137	1.23601	1.28794	1.05866	1.12698	.91447	.94226	.92039	.38132	.39443	.39774
1.550	4.139	1.27245	1.32474	1.10192	1.17031	.88679	.89429	.86289	.33897	.35563	.36273
1.550	6.194	1.30416	1.36245	1.14094	1.21568	.87312	.87172	.81114	.29095	.31623	.32237
1.550	8.094	1.33088	1.39338	1.17332	1.25318	.84381	.80287	.75486	.24614	.25564	.25372
1.550	10.106	1.36010	1.42155	1.21476	1.29262	.77797	.74117	.72325	.20681	.21918	.21746
1.550	11.921	1.37753	1.44200	1.24188	1.32284	.72201	.67463	.70736	.18084	.18524	.17599
1.551	13.891	1.39721	1.45858	1.27187	1.35261	.65020	.61544	.64441	.14025	.14850	.14378
1.550	15.882	1.41250	1.47570	1.29777	1.38000	.57790	.56757	.56643	.12499	.13018	.12419
1.550	17.910	1.40858	1.47392	1.30820	1.39226	.51213	.50243	.50258	.09687	.09965	.08626
	GRADIENT	.02048	.02069	.02241	.02282	-.01589	-.02102	-.02666	-.02251	-.02216	-.02154

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.260	7.995	1.28023	1.28477	1.14735	1.15622	.81822	.79596	.80415	.26955	.26554	.26377
1.260	11.981	1.32661	1.32530	1.21170	1.21504	.73266	.71882	.72646	.19599	.19087	.18723
1.261	15.954	1.34325	1.35505	1.25257	1.26641	.63077	.63266	.60505	.12799	.12391	.11966
1.260	17.997	1.34056	1.35669	1.26432	1.28192	.57746	.56943	.52649	.10573	.10012	.09082
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.280	7.973	1.28169	1.29548	1.14830	1.16843	.82480	.81367	.82065	.25885	.25728	.26055
1.279	12.004	1.32358	1.34112	1.20869	1.23290	.72373	.73288	.72336	.18606	.18465	.18761
1.280	16.026	1.34482	1.36785	1.25432	1.28231	.61427	.65588	.63334	.12133	.11891	.12127
1.281	17.973	1.34586	1.37062	1.26817	1.29614	.59105	.59524	.53969	.08748	.08404	.08522
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.300	7.980	1.29117	1.30172	1.15718	1.17319	.83387	.81556	.83002	.26064	.26293	.26667
1.299	12.031	1.33821	1.35074	1.22307	1.24024	.72484	.72644	.72649	.17850	.18173	.18756
1.300	15.998	1.35157	1.37218	1.26150	1.28531	.61406	.64797	.62035	.12238	.12383	.13013
1.299	18.005	1.35391	1.37769	1.27480	1.30324	.57828	.58649	.53319	.09530	.09523	.10171
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.321	7.999	1.30039	1.31437	1.16491	1.18377	.83612	.81814	.83315	.25133	.25795	.26495
1.320	11.971	1.34063	1.35574	1.22411	1.24386	.73163	.72112	.72781	.18349	.18911	.19629
1.320	16.033	1.36277	1.38270	1.26997	1.29367	.62100	.63004	.61921	.11939	.12428	.13103
1.320	17.990	1.36485	1.38742	1.28306	1.31057	.57723	.59896	.53426	.09933	.10281	.11024
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.340	7.967	1.30622	1.32383	1.16843	1.19377	.83938	.83126	.84674	.25821	.26402	.27070
1.341	12.003	1.34680	1.36647	1.22945	1.25548	.72048	.74278	.73190	.17678	.18700	.19675
1.340	16.031	1.36992	1.39763	1.27352	1.30705	.61899	.64305	.62842	.11442	.12384	.13425
1.340	17.999	1.37185	1.39863	1.28805	1.32149	.58242	.61210	.53931	.09242	.09800	.10483
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (HVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.360	7.963	1.31525	1.32799	1.17687	1.19706	.82916	.82762	.83508	.26407	.26863	.27368
1.360	12.007	1.35868	1.37515	1.23751	1.26148	.72277	.74360	.73417	.18409	.19113	.19579
1.361	16.017	1.37952	1.40024	1.28353	1.30889	.60218	.65475	.63162	.11076	.12406	.13710
1.361	18.000	1.38381	1.40565	1.29825	1.32559	.58027	.60873	.54100	.07567	.08813	.10133
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.380	7.969	1.32686	1.33727	1.18629	1.20356	.83667	.83485	.83743	.26397	.27043	.27652
1.380	11.979	1.37216	1.38342	1.24823	1.26726	.74714	.72870	.73648	.17832	.18695	.19398
1.380	16.017	1.39462	1.41245	1.29497	1.31717	.60521	.65231	.61431	.11653	.12571	.13339
1.380	17.982	1.40027	1.41977	1.31316	1.33616	.57803	.60872	.53970	.08034	.09153	.10223
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.400	7.959	1.33987	1.34599	1.19532	1.20774	.80802	.82506	.83164	.27034	.27269	.27182
1.400	11.972	1.38021	1.38888	1.25735	1.26949	.73309	.73925	.74187	.18541	.19365	.19657
1.401	15.967	1.40571	1.41095	1.30495	1.31569	.59104	.65530	.63076	.10571	.11977	.12773
1.400	18.000	1.40979	1.41645	1.32196	1.33470	.54952	.59284	.54831	.07929	.09489	.10580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
1.451	8.074	1.34880	1.35235	1.20497	1.21284	.80051	.82991	.83937	.25618	.26227	.26197
1.450	11.939	1.39322	1.40104	1.26933	1.28063	.70370	.74964	.74282	.18242	.18838	.18729
1.450	16.053	1.41492	1.42675	1.31401	1.32906	.59041	.64989	.64137	.11018	.12186	.11979
1.450	18.065	1.42037	1.43476	1.33216	1.34864	.53827	.59940	.56771	.07317	.08468	.08585
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (HVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.199	-3.797	.40504	.53532	.30718	.43129	.60959	.58795	.60735	.29745	.30737	.30383
.200	-1.827	.50424	.64043	.41547	.52608	.58009	.55854	.57570	.26121	.26679	.26325
.199	.126	.62308	.73355	.50363	.57326	.55134	.54711	.55346	.22563	.22908	.22770
.200	2.188	.66923	.69471	.57888	.58756	.46889	.50346	.50761	.18123	.19331	.19265
.200	4.178	.71976	.68699	.64646	.60980	.43248	.41097	.45620	.13679	.14461	.14681
.201	6.184	.79613	.79357	.71080	.70233	.42218	.35814	.43068	.12103	.11596	.12883
.200	8.191	.87735	.88982	.77174	.77398	.39381	.32912	.38513	.07587	.07078	.08016
.200	10.196	.90309	.91121	.79992	.80431	.39932	.34126	.38421	.05491	.05058	.05777
.201	12.206	.90859	.91879	.81890	.82327	.34372	.32882	.34583	.02492	.02349	.02849
.201	14.201	.91613	.93273	.83939	.85017	.28365	.31790	.27508	-.00416	-.00057	-.00343
.201	16.191	.92113	.93990	.85063	.86786	.28069	.30002	.24425	-.03286	-.02781	-.03355
	GRADIENT	.03973	.01778	.04214	.02090	-.02335	-.02052	-.01857	-.02011	-.01998	-.01926

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.249	-3.792	.42089	.55358	.32503	.45809	.62580	.61502	.63881	.31602	.32741	.32169
.250	-1.773	.51022	.62246	.41722	.52986	.58598	.56878	.58808	.27687	.28243	.27818
.250	.184	.63982	.73907	.51862	.59235	.54884	.54462	.55745	.24089	.24360	.24150
.250	2.014	.67760	.71180	.59343	.59998	.49821	.47453	.50464	.19879	.20514	.20519
.250	4.008	.73471	.70200	.65724	.63143	.45013	.41788	.46302	.16147	.16423	.16859
.249	6.214	.80517	.80691	.71829	.71836	.41136	.35921	.43307	.12723	.12424	.13589
.249	8.120	.88880	.90139	.78439	.77794	.39426	.34205	.39640	.09664	.09222	.10096
.249	10.135	.90811	.91199	.79707	.80588	.40005	.34124	.39783	.07085	.06573	.07083
.248	12.159	.91474	.93178	.83164	.83611	.35153	.33187	.34492	.04181	.03961	.04327
.248	14.153	.92242	.93946	.85023	.85690	.29082	.31061	.27544	.00713	.01008	.00934
.247	16.205	.92545	.94262	.86157	.87271	.32906	.29157	.29149	-.01929	-.01482	-.01779
	GRADIENT	.04107	.02005	.04337	.02157	-.02263	-.02516	-.02243	-.01996	-.02082	-.01956

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (HVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.398	-3.955	.43757	.57562	.33305	.47475	.62385	.60981	.63141	.31933	.32707	.32208
.398	-1.919	.53089	.68077	.43192	.55828	.59077	.57347	.59615	.27949	.28436	.28081
.399	.045	.64755	.76429	.51965	.60543	.56293	.54786	.56721	.24330	.24565	.24355
.400	2.049	.69442	.72106	.59943	.60923	.47284	.49673	.51711	.19607	.20638	.20572
.401	4.068	.75194	.71602	.67023	.64336	.44823	.43001	.47726	.16305	.16797	.17017
.401	6.054	.82629	.83123	.73594	.73601	.41037	.35549	.43511	.12824	.12276	.13430
.401	10.066	.93045	.93747	.82005	.82658	.40546	.35078	.40005	.07020	.06444	.06911
.401	14.041	.95065	.96410	.86491	.87682	.28368	.31704	.27936	.00940	.01265	.00978
.400	18.068	.93838	.96162	.87810	.89980	.28078	.28084	.24296	-.04726	-.04106	-.04758
	GRADIENT	.03957	.01604	.04207	.01940	-.02344	-.02181	-.01936	-.01979	-.01980	-.01893

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (HVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.601	-1.984	.56892	.68152	.46791	.58664	.61482	.60205	.61785	.29532	.29955	.29637
.602	2.113	.72856	.76976	.64290	.65942	.51331	.49492	.53123	.20899	.21397	.21626
.603	6.096	.87091	.87917	.78070	.78541	.41648	.36983	.44776	.13563	.12954	.14020
.603	10.092	.98194	.98755	.86555	.87280	.40620	.36485	.37855	.07153	.06791	.07151
.602	14.084	1.00199	1.01275	.91073	.92162	.28423	.33568	.27392	.00726	.01173	.00710
.600	18.076	.99271	1.01589	.92738	.94864	.22910	.31120	.20586	-.04845	-.04287	-.05271
	GRADIENT	.03896	.02154	.04271	.01776	-.02477	-.02615	-.02114	-.02107	-.02089	-.01955

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (HVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.701	-1.948	.59292	.70385	.49367	.60919	.63868	.63304	.64397	.30965	.31380	.31087
.703	2.092	.74173	.79342	.66472	.69189	.53162	.52270	.55659	.22295	.22976	.23037
.702	6.062	.88518	.89045	.80773	.80864	.43138	.38998	.46336	.14671	.14236	.15227
.701	10.088	1.01707	1.02187	.89828	.90496	.41184	.39463	.39369	.08312	.07922	.08364
.699	14.026	1.03380	1.04562	.94025	.95192	.29825	.35614	.28996	.01864	.02250	.01837
.696	18.000	1.02905	1.04968	.96192	.98074	.23353	.32171	.21481	-.03868	-.03252	-.04267
	GRADIENT	.03684	.02217	.04235	.02047	-.02651	-.02732	-.02163	-.02146	-.02081	-.01993

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (HVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.800	8.002	1.04616	1.05705	.92618	.93532	.43939	.40196	.44629	.13777	.13304	.14339
.800	12.022	1.06838	1.07544	.96200	.97078	.40002	.41400	.37498	.07919	.07683	.07765
.800	16.027	1.07888	1.09390	.99582	1.01328	.28911	.35928	.28284	.01311	.01752	.01173
.799	18.019	1.07276	1.09266	1.00352	1.02274	.25911	.34322	.24658	-.01496	-.00959	-.01760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (HVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP55	CP56	CP57	CP58	CP27	CP28	CP29	CP30	CP31	CP32
.599	-4.003	.61243	.63093	.43639	.45643	.64645	.63051	.64813	.32864	.33760	.33573
.599	-1.912	.69214	.70887	.52135	.53929	.60874	.59619	.61044	.29075	.29636	.29449
.599	.098	.76217	.77517	.59636	.61227	.57377	.55885	.57313	.25181	.25466	.25357
.599	2.071	.82163	.83058	.66219	.67506	.54264	.53006	.53666	.21414	.21512	.21503
.600	4.096	.87262	.87918	.72207	.73254	.51160	.49169	.50532	.17864	.17719	.17754
.599	6.060	.92013	.92333	.77713	.78426	.49111	.45972	.47510	.14448	.14183	.14206
.600	8.066	.95124	.95675	.82121	.82830	.45583	.42889	.44123	.10748	.10620	.10698
.600	10.055	.97649	.98199	.85768	.86342	.41721	.39190	.40797	.07420	.07316	.07384
.599	12.082	.99654	1.00473	.88975	.89718	.38633	.36160	.37875	.04178	.04077	.04133
.598	14.035	1.00866	1.01989	.91309	.92423	.34941	.32697	.34688	.01187	.01110	.01121
.599	16.091	1.00429	1.01883	.92517	.93727	.31067	.28461	.31018	-.01846	-.01909	-.01798
	GRADIENT	.03222	.03065	.03531	.03411	-.01664	-.01704	-.01781	-.01866	-.01992	-.01961

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (IVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.202	-3.800	-.36068	-.43011	-.05797	-.03121	-.01256	-.00517	-.01263	-.00296	-.04015	.00377
.200	-1.769	-.24942	-.33530	-.04698	-.02424	.00233	-.00073	.00002	.00381	-.02046	.02732
.200	.186	-.08787	-.19042	-.04268	-.02010	.02360	.01757	.03037	.03188	.00023	.04317
.200	2.183	-.01277	-.02036	-.03393	-.03999	.04163	.03257	.04693	.04315	.01972	.04314
.201	4.203	.00101	.00024	-.02677	-.03204	.04603	.03779	.06032	.05281	.03629	.04979
.200	6.211	-.00346	-.00424	-.02539	-.03372	.05549	.03813	.06083	.05099	.04040	.05022
.200	8.188	-.00636	-.01015	-.02748	-.03805	.06001	.04193	.05854	.05023	.04118	.05022
.200	10.192	-.05130	-.05513	-.04752	-.05737	.05532	.03341	.05839	.04628	.01979	.02736
.200	12.199	-.05987	-.06296	-.05533	-.06368	.04920	.02800	.04099	.03407	.01057	.01967
.200	14.190	-.06258	-.06415	-.06107	-.06563	.04346	.02074	.02452	.02074	.00180	.01166
.200	16.206	-.07379	-.08145	-.07759	-.08141	.02270	-.00010	.00140	-.00316	-.02413	-.00996
.199	18.545	-.10446	-.11368	-.10446	-.09993	-.00627	-.02305	-.04820	-.04743	-.04971	-.02987
	GRADIENT	.04806	.05886	.00378	-.00087	.00784	.00597	.00965	.00755	.00937	.00540

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (IVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.250	-3.994	-.34564	-.42063	-.04815	-.02589	-.00571	-.00431	-.01009	-.00146	-.03165	.00576
.251	-1.991	-.22390	-.30909	-.02462	-.00463	.02182	.02038	.02251	.02466	.00179	.04538
.251	-.002	-.05962	-.17139	-.02884	-.00738	.03558	.02770	.03987	.03987	.01123	.05418
.252	2.006	-.00049	-.00549	-.01969	-.02325	.05138	.04357	.05922	.05637	.03078	.05565
.252	4.003	.01032	.00817	-.01383	-.02095	.05433	.04227	.06572	.05933	.04583	.05931
.252	6.015	.00646	.00502	-.01270	-.02264	.06459	.04618	.06748	.05896	.04831	.05894
.252	8.011	.00155	-.00272	-.01543	-.02818	.06946	.04684	.06313	.05463	.04826	.05603
.249	10.215	-.02624	-.03716	-.02406	-.03641	.07670	.05280	.07240	.06369	.03903	.04555
.248	12.197	-.03932	-.04812	-.03640	-.04590	.06711	.04088	.05475	.04818	.02776	.03432
.248	14.193	-.05354	-.06233	-.04772	-.05720	.04981	.02435	.02798	.02507	.00832	.01635
.248	16.215	-.06653	-.07535	-.06434	-.06874	.03200	.00719	.00425	.00425	-.01400	-.00156
.248	18.193	-.07565	-.09539	-.07784	-.08223	.01542	-.00937	-.02834	-.02907	-.03489	-.02100
.248	18.546	-.08125	-.10101	-.08125	-.08420	.01276	-.01277	-.03102	-.03466	-.03829	-.02367
	GRADIENT	.04677	.05808	.00368	-.00044	.00749	.00582	.00942	.00767	.00920	.00587

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.398	-3.921	-.35667	-.43391	-.05601	-.03388	-.01095	-.00590	-.01101	-.00592	-.03280	.01190
.399	-1.992	-.23266	-.31821	-.03662	-.01481	.01328	.01093	.01560	.01560	-.00350	.04016
.400	.004	-.07703	-.17450	-.03127	-.01111	.03428	.02652	.03932	.03661	.01449	.05405
.401	1.955	-.00494	-.01424	-.02697	-.02853	.04643	.04065	.05303	.05109	.02906	.05532
.402	4.038	.01200	.00890	-.01501	-.02428	.05404	.04519	.06681	.05561	.04789	.06022
.402	6.021	.01034	.00994	-.01272	-.02234	.06566	.04916	.06955	.06186	.05186	.06298
.402	8.027	.00314	.00197	-.01684	-.02761	.06918	.05154	.06462	.05616	.04924	.05959
.402	10.060	-.03038	-.03656	-.03000	-.03769	.06972	.04750	.06862	.05826	.03254	.04174
.403	12.046	-.04143	-.04760	-.03837	-.04911	.06194	.03784	.05202	.04436	.02367	.03133
.403	14.047	-.05250	-.05713	-.05135	-.05940	.04722	.02393	.02813	.02392	.00710	.01744
.404	16.044	-.06134	-.07321	-.06744	-.07279	.02969	.00493	.00415	.00034	-.01185	-.00153
.404	18.457	-.09197	-.10234	-.08854	-.08705	.00292	-.01501	-.03944	-.04172	-.03294	-.01423
	GRADIENT	.04843	.05975	.00461	.00026	.00819	.00662	.00970	.00796	.00975	.00560

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OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (IVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.600	-3.926	-.34830	-.43435	-.05271	-.03748	-.00671	-.00720	.00075	-.00198	-.02201	.02125
.600	-1.919	-.21397	-.30814	-.02850	-.01322	.02192	.01370	.02785	.02214	.00754	.05088
.600	.047	-.07242	-.16619	-.02570	-.00884	.03879	.03082	.04884	.04223	.02444	.06203
.600	2.062	.00595	-.01413	-.01889	-.02392	.05152	.04448	.06273	.05680	.04015	.06270
.600	4.067	.01918	.01370	-.01116	-.02212	.06044	.05066	.07236	.06414	.05569	.06707
.601	6.039	.02034	.01648	-.00779	-.01847	.07452	.05528	.07664	.06710	.05983	.07069
.602	8.092	.01420	.01011	-.00872	-.02166	.07837	.05709	.07322	.06232	.05846	.06819
.599	10.057	-.01899	-.02816	-.01944	-.03179	.07671	.05048	.07473	.06238	.04043	.04841
.600	12.033	-.03183	-.03872	-.02931	-.04093	.06575	.04087	.05666	.04773	.03104	.03880
.599	14.076	-.03884	-.04438	-.04045	-.04780	.05352	.02672	.03705	.03085	.01709	.02375
.598	16.041	-.05635	-.06468	-.05244	-.06028	.03501	.00786	.01591	.00578	.00578	.00741
.599	18.555	-.07610	-.09216	-.05256	-.06263	.00710	-.01782	-.03065	-.03636	-.02424	-.00981
	GRADIENT	.04779	.05959	.00464	.00100	.00821	.00733	.00892	.00836	.00942	.00518

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.698	-4.032	-.33528	-.42495	-.04819	-.03259	.00150	.00067	.01141	.00715	-.01150	.03453
.700	-1.862	-.19003	-.28893	-.01984	-.00673	.03284	.02457	.03992	.03225	.02033	.06392
.702	.106	-.05406	-.14660	-.01375	.00008	.05160	.04120	.06268	.05304	.03900	.07426
.702	2.124	.01852	.00123	-.00700	-.01303	.06431	.05570	.07482	.06717	.05310	.07678
.702	4.128	.03618	.02877	.00372	-.01011	.07340	.06142	.08830	.07627	.06985	.08043
.702	6.108	.03480	.03179	.00563	-.00624	.08645	.06518	.08895	.07828	.07324	.08406
.701	8.109	.02838	.02495	.00405	-.00964	.08987	.06599	.08493	.07325	.07164	.08145
.701	10.053	-.00455	-.01461	-.00736	-.02002	.08838	.06213	.08627	.07420	.05712	.06412
.700	12.059	-.01922	-.02712	-.01781	-.03053	.07981	.05242	.06899	.05788	.04778	.05523
.698	14.072	-.02503	-.02950	-.03028	-.03978	.06734	.03954	.05004	.04196	.03248	.03973
.697	16.054	-.04315	-.05130	-.04558	-.05249	.04893	.02055	.02481	.01588	.02177	.02238
.700	18.597	-.06319	-.07535	-.05774	-.05695	.01954	-.00790	-.02306	-.02730	-.01013	.00421
	GRADIENT	.04697	.05902	.00578	.00195	.00866	.00753	.00931	.00854	.00965	.00519

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (IVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.797	-4.033	-.29887	-.39609	-.03316	-.01835	.02357	.01954	.03803	.02833	.01057	.05887
.800	-1.961	-.16060	-.26366	-.00153	.01010	.05353	.04501	.06412	.05284	.04156	.08680
.801	.024	-.04026	-.12397	.00737	.01955	.07240	.06136	.08557	.07211	.06101	.09805
.802	1.998	.04064	.01970	.01643	.01097	.08773	.07395	.09820	.08745	.07506	.10158
.799	4.038	.05796	.05249	.02665	.01237	.09561	.08268	.10964	.09644	.09167	.10461
.799	5.997	.05649	.05504	.02976	.01694	.10841	.08633	.11201	.10083	.09624	.10845
.799	8.010	.05159	.04959	.02812	.01401	.11109	.08642	.10883	.09580	.09561	.10636
.799	10.015	.02154	.01333	.01789	.00530	.11304	.08521	.10897	.09637	.08194	.09047
.798	11.997	.00509	-.00150	.00619	-.00533	.10519	.07656	.09269	.08226	.07238	.08166
.799	14.004	-.00204	-.00663	-.00698	-.01722	.09404	.06285	.07512	.06433	.05847	.06557
.799	15.993	-.01881	-.02468	-.02264	-.02996	.07482	.04383	.04841	.03872	.04822	.04911
.800	17.991	-.03434	-.04679	-.03233	-.03636	.05163	.02080	.01769	.00746	.02463	.03978
	GRADIENT	.04553	.05870	.00686	.00312	.00888	.00773	.00883	.00850	.00974	.00530

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (IVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.599	-3.401	-.29172	-.40392	-.03225	-.03777	.01639	-.00977	.02234	-.00497	.00169	.02097
.598	-1.403	-.15554	-.27311	-.01751	-.01661	.03613	.01298	.04303	.02146	.02330	.04782
.599	.646	-.01610	-.11373	-.02091	-.01748	.05052	.02993	.05880	.04368	.03474	.05762
.599	2.654	.01780	.00293	-.00849	-.02749	.05185	.04479	.06653	.05555	.05166	.06078
.599	4.671	.02188	.01314	-.00662	-.02294	.06826	.04808	.07361	.06119	.06027	.06621
.600	6.702	.02030	.01367	-.00483	-.01991	.07646	.05389	.07539	.06190	.06144	.06895
	GRADIENT	.03964	.05497	.00298	.00093	.00591	.00730	.00624	.00824	.00720	.00512

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (IVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.402	8.090	.00302	-.00085	-.01468	-.02738	.07069	.05034	.06266	.05727	.04803	.05802
.402	10.029	-.02576	-.03541	-.02538	-.03653	.07368	.05028	.07066	.06067	.03377	.04260
.398	12.103	-.04149	-.04819	-.03601	-.04660	.06149	.04037	.05095	.04664	.02196	.03175
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.205	-1.736	-.23562	-.25968	-.05070	-.03281	.00435	-.00047	.00087	.00777	-.05480	-.03138
.203	.234	-.05431	-.07533	-.05785	-.05083	.02137	.01717	.02558	.04030	-.01297	.02067
.201	2.291	-.04076	-.03861	-.04793	-.05007	.03136	.02636	.05283	.04352	-.00006	.03064
.199	4.149	-.03879	-.04171	-.04392	-.05340	.03707	.02468	.05465	.04658	.00644	.03270
.198	6.163	-.04133	-.02673	-.04135	-.05449	.04697	.03385	.05945	.05139	.01487	.03676
.199	8.167	-.04813	-.02493	-.04526	-.05179	.05348	.03172	.05355	.03682	.01721	.03607
.199	10.177	-.05523	-.04358	-.05090	-.05744	.05399	.03216	.05333	.03508	.01250	.01396
.200	12.191	-.06598	-.06670	-.06313	-.07467	.03858	.01335	.02851	.02706	-.00252	.00398
.200	14.188	-.07858	-.08860	-.07504	-.08792	.02383	-.00122	.00950	.00306	-.01842	-.01195
.200	16.186	-.08862	-.08647	-.09011	-.09583	.00889	-.01477	-.01483	-.01408	-.03988	-.01619
	GRADIENT	.03076	.03522	.00154	-.00310	.00550	.00432	.00962	.00609	.01001	.01030

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.249	-1.876	-.15498	-.23917	-.03789	-.01851	.02461	.01310	.03034	.03250	-.02427	-.00555
.252	.057	-.05992	-.10101	-.03588	-.03024	.04118	.03129	.05605	.03695	.01007	.02917
.250	1.995	-.03641	-.02142	-.01710	-.02712	.06156	.04942	.07232	.05443	.03511	.04655
.250	4.120	-.00855	-.01360	-.02148	-.02652	.06326	.05323	.07984	.06618	.03599	.04676
.249	6.124	-.00763	-.01703	-.01628	-.02999	.06731	.05437	.06520	.06880	.03779	.04787
.250	8.170	-.01749	-.02326	-.02036	-.03399	.07208	.05491	.06711	.06352	.03842	.04487
.250	10.164	-.03430	-.03864	-.03430	-.04867	.06254	.04463	.05972	.05325	.02597	.03172
.250	12.193	-.04602	-.04750	-.04387	-.05822	.05427	.03853	.04498	.03996	.01703	.02348
.250	14.177	-.05316	-.05536	-.04957	-.05892	.04658	.02793	.02649	.02290	.00496	.01287
.251	15.988	-.06536	-.07253	-.06820	-.07250	.02860	.01080	.00509	.00153	-.01626	-.00697
	GRADIENT	.02308	.03761	.00338	-.00103	.00679	.00691	.00822	.00595	.01023	.00866

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.396	-3.998	-.37685	-.43329	-.05004	-.02831	-.00182	-.00263	-.00901	-.00305	-.05594	-.03891
.397	-1.853	-.18338	-.22788	-.03336	-.01720	.02378	.01472	.02376	.02968	-.02703	-.00180
.398	.077	-.05591	-.08372	-.03636	-.03086	.04004	.03104	.05026	.05024	.00558	.03339
.398	2.150	-.01565	-.02034	-.02544	-.03090	.05229	.04175	.06641	.05309	.02067	.04097
.399	4.000	-.01031	-.01226	-.01931	-.02673	.06075	.04788	.07489	.06626	.02875	.04553
.399	6.023	-.01091	-.01792	-.01716	-.03000	.06999	.05172	.08059	.07120	.03694	.05133
.399	8.015	-.01727	-.02273	-.02236	-.03288	.07467	.05248	.07437	.06827	.03690	.04585
.399	10.050	-.03120	-.02964	-.03084	-.04059	.07096	.04719	.06753	.05345	.03081	.03588
.400	12.038	-.04419	-.04730	-.04033	-.05083	.06038	.03668	.04954	.04602	.02074	.02658
.400	14.016	-.05501	-.06123	-.05115	-.05971	.04690	.02318	.02706	.02551	.00489	.01308
.399	16.046	-.06905	-.07451	-.06831	-.07376	.02728	.00310	.00462	.00113	-.01602	-.00078
	GRADIENT	.04537	.05282	.00349	-.00051	.00771	.00642	.01056	.00813	.01089	.01064

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.597	-3.912	-.38067	-.46435	-.04838	-.02855	-.00211	-.00314	-.00249	-.00063	-.01947	.03351
.598	-1.986	-.22502	-.33026	-.02600	-.00741	.02460	.01605	.02359	.02124	.00918	.05290
.599	.064	-.02301	-.18343	-.03206	-.00342	.04699	.03360	.04400	.04299	-.00041	.06441
.599	2.044	-.01122	-.00957	-.02516	-.02668	.05994	.04838	.06166	.05930	.02302	.06029
.600	4.048	-.00071	.01166	-.01242	-.02398	.06650	.05482	.07995	.06421	.03392	.06535
.600	6.067	.00854	.01421	-.01015	-.02151	.07692	.05793	.07131	.06579	.03775	.06726
.600	8.052	-.01053	-.02243	-.01421	-.02542	.07834	.05532	.07724	.06837	.05449	.04896
.599	10.064	-.00061	-.02563	-.01889	-.03366	.07600	.05038	.07539	.06348	.04720	.04400
.599	12.054	-.01033	-.03402	-.02895	-.04238	.06561	.04099	.05710	.04905	.03713	.03478
.599	14.089	-.03288	-.03559	-.03706	-.04947	.05134	.02574	.04115	.02841	.01518	.03160
.598	16.036	-.05160	-.06224	-.04369	-.05750	.03214	.00894	.01700	.01145	.00136	.01214
	GRADIENT	.04879	.06378	.00363	-.00052	.00864	.00743	.01017	.00840	.00603	.00355

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.699	-1.948	-.21133	-.31902	-.01400	-.00144	.03601	.02621	.03768	.02800	.03257	.06889
.700	.086	-.00414	-.14784	-.01449	-.00208	.05666	.04138	.05850	.04925	.03711	.07033
.701	2.068	.00831	-.00229	-.00956	-.01562	.07399	.05602	.07062	.06401	.05273	.07058
.701	4.043	.03072	.02729	-.00020	-.01368	.08208	.06426	.08188	.07294	.06139	.07551
.702	6.053	.03016	.02948	.00552	-.00983	.08762	.06782	.08429	.07538	.06564	.07793
.702	8.087	.02428	.01743	.00360	-.01339	.09024	.06660	.08238	.06990	.06565	.07657
.701	10.054	.01647	.01070	-.00370	-.01909	.08683	.06163	.07881	.06370	.05848	.06820
.700	12.048	-.01263	-.00056	-.01675	-.02953	.08027	.04970	.07320	.05081	.04792	.05778
.699	14.091	-.01312	-.02086	-.02813	-.04232	.06187	.03726	.04691	.03465	.03189	.04359
.698	16.021	-.03706	-.04234	-.04741	-.05433	.04475	.01924	.01661	.01578	.01192	.02600
	GRADIENT	.03717	.05945	.00231	-.00252	.00780	.00646	.00726	.00750	.00511	.00101

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.800	-1.928	-.15812	-.31195	.00521	.02122	.05818	.04857	.06150	.05126	.05542	.09514
.800	.088	.01459	-.11755	.00565	.01889	.08034	.06262	.08116	.07124	.06519	.09542
.800	1.962	.03245	.01912	.01042	.00879	.09432	.07592	.09354	08431	.05982	.09479
.799	3.918	.03791	.04637	.01845	.00941	.10379	.08436	.10593	09484	.08566	.10009
.800	5.929	.04970	.04854	.02748	.01174	.10992	.08798	.10628	09752	.09136	.10172
.800	7.964	.04834	.04405	.02864	.00998	.11292	.08806	.10684	09321	.09190	.10193
.800	9.998	.02261	.03860	.01867	.00511	.11268	.08411	.10869	.08729	.07417	.09394
.800	11.984	.00962	.02678	.00672	-.00522	.10646	.07417	.09619	.07548	.06248	.08307
.800	13.984	.00208	.00787	-.00385	-.01742	.09352	.06190	.07973	.05833	.05994	.07046
.800	16.014	-.01105	-.01302	-.01919	-.03114	.07129	.04220	.04502	.03722	.03930	.05182
	GRADIENT	.03143	.06251	.00228	-.00234	.00778	.00622	.00751	.00742	.00441	.00073

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.850	-1.986	-.13764	-.28866	.02225	.03903	.07718	.06909	.08249	.07334	.07484	.11416
.850	-.060	.02863	-.10813	.02538	.03825	.09831	.08191	.10009	.09039	.08117	.11463
.850	1.941	.05263	.03836	.03090	.02885	.11428	.09520	.11339	.10412	.08236	.11419
.850	3.959	.06340	.06578	.03965	.02971	.12392	.10432	.12348	.11389	.10423	.11983
.850	5.921	.07044	.06882	.04636	.03155	.12903	.10845	.12676	.11694	.10966	.12246
.850	7.977	.06794	.06438	.04808	.03122	.13267	.10842	.12673	.11400	.11018	.12145
.850	9.994	.04634	.05898	.03954	.02550	.13223	.10399	.12727	.10719	.09041	.11368
.850	12.000	.02939	.04744	.02702	.01588	.12639	.09380	.11491	.09472	.07966	.10317
.850	13.998	.02269	.02852	.01674	.00140	.11348	.08025	.09960	.07716	.08211	.08952
.850	16.000	.01015	.00842	-.00013	-.01213	.09118	.06095	.06447	.05535	.06290	.07163
.850	18.007	-.01500	-.01543	-.01523	-.02192	.06338	.03608	.02648	.01934	.03706	.04936
	GRADIENT	.03142	.06083	.00292	-.00188	.00786	.00599	.00686	.00682	.00452	.00084

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.902	-3.966	-.24523	-.35973	.02617	.04112	.08291	.07915	.09634	.08569	.07555	.12134
.903	-2.086	-.10909	-.25411	.05413	.06768	.11030	.10155	.11714	.10490	.09496	.14331
.902	-.097	.04222	-.07603	.05757	.06922	.12991	.11416	.13398	.12283	.10897	.14581
.898	1.907	.08612	.06517	.06283	.05850	.14106	.12332	.14436	.13305	.11902	.14263
.900	3.946	.09488	.09432	.07135	.05869	.15088	.13329	.15207	.14209	.13162	.14892
.900	5.975	.09803	.09697	.07523	.06027	.15850	.13752	.15578	.14631	.13655	.15173
.899	7.994	.09504	.09126	.07502	.05883	.16033	.13580	.15570	.14169	.13463	.14913
.896	10.011	.08475	.08195	.06848	.05182	.15898	.13000	.14957	.13460	.12711	.13915
.901	12.003	.07725	.07517	.06097	.04429	.15402	.12077	.14083	.12202	.11980	.13077
.898	14.024	.05646	.05486	.04446	.02955	.13981	.10554	.11880	.10245	.10315	.11538
.895	15.974	.03517	.03325	.02505	.01341	.11634	.08293	.08904	.07810	.08295	.09555
.896	18.011	.01120	.00927	.01029	.00412	.08832	.05726	.05182	.04252	.06010	.07381
	GRADIENT	.04397	.06185	.00497	.00126	.00838	.00654	.00698	.00710	.00686	.00272

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.949	-1.976	-.06147	-.20366	.09422	.10288	.15327	.14179	.16029	.14448	.14414	.17694
.950	-.019	.08710	-.03055	.09706	.10554	.17186	.15303	.17517	.16162	.15336	.18084
.950	1.978	.12824	.10631	.10375	.09767	.18259	.16419	.18591	.17364	.16183	.17972
.951	3.955	.13456	.13273	.11050	.09632	.19178	.17162	.19271	.18051	.16994	.18534
.950	6.019	.13674	.13326	.11420	.09681	.19654	.17395	.19526	.18246	.17361	.18576
.949	7.955	.13309	.12943	.11367	.09536	.19837	.17226	.19373	.17883	.17260	.18289
.949	9.976	.11635	.12145	.10684	.08901	.19744	.16660	.18990	.17057	.15393	.17512
.950	12.045	.09221	.10887	.09031	.07788	.18876	.15438	.17677	.15515	.14335	.16338
.950	13.979	.08733	.09061	.08071	.06403	.17442	.13923	.15988	.13634	.14303	.15027
.949	16.000	.07246	.07034	.06129	.04836	.15049	.11526	.12169	.10935	.12358	.12998
.949	17.985	.04644	.04625	.04375	.03641	.12108	.08822	.08417	.07253	.09751	.10865
	GRADIENT	.03175	.05789	.00281	-.00140	.00638	.00509	.00546	.00607	.00434	.00122

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.978	-1.925	-.02752	-.16506	.12037	.12682	.17996	.16730	.18760	.17059	.16884	.19935
.981	-.047	.11241	-.00461	.12190	.13023	.19729	.17818	.20094	.18757	.17730	.20452
.980	1.955	.15185	.13023	.12877	.12221	.20772	.18815	.21111	.19774	.18445	.20306
.981	3.974	.15745	.15596	.13433	.11927	.21544	.19507	.21566	.20380	.19232	.20752
.979	6.033	.15831	.15550	.13653	.11890	.21888	.19611	.21695	.20478	.19514	.20729
.980	8.012	.15503	.15148	.13572	.11689	.22039	.19382	.21613	.20041	.19369	.20442
.979	9.979	.13726	.14231	.12813	.10966	.21887	.18656	.21178	.19091	.17407	.19540
.980	12.042	.11327	.12984	.11059	.09869	.20892	.17483	.19731	.17598	.16374	.18414
.979	13.949	.10774	.11027	.10065	.08255	.19421	.15756	.17937	.15486	.16286	.16923
.975	16.022	.08867	.08641	.07683	.06355	.16583	.12948	.13635	.12382	.13931	.14581
.980	18.030	.06351	.06472	.05952	.05326	.13662	.10293	.09877	.08657	.11517	.12722
	GRADIENT	.02990	.05550	.00248	-.00157	.00591	.00473	.00477	.00555	.00394	.00117

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.051	-1.965	.05077	-.08135	.18492	.19063	.24780	.23430	.25588	.23821	.23417	.26388
1.048	.092	.18760	.06053	.18600	.18934	.26179	.24025	.26685	.24883	.24072	.26390
1.050	1.953	.21318	.19550	.19202	.18262	.27049	.24967	.27458	.25904	.24096	.26480
1.049	3.969	.21793	.21565	.19565	.17782	.27463	.25269	.27645	.26178	.25217	.26675
1.051	6.022	.21701	.21553	.19834	.17770	.27722	.25346	.27558	.26174	.25423	.26699
1.050	8.021	.20945	.20758	.19156	.17179	.27444	.24721	.27092	.25401	.24818	.26174
1.050	9.992	.18629	.19478	.18113	.16285	.27119	.23963	.26529	.24464	.22845	.25327
1.049	12.003	.16095	.18101	.16180	.14775	.25814	.22149	.24310	.22233	.21681	.23673
1.049	14.001	.15212	.15943	.14397	.12903	.23932	.20050	.21969	.19609	.21311	.22058
1.049	16.023	.13805	.13538	.12228	.10852	.20980	.17015	.17911	.16205	.19264	.20024
1.047	18.007	.11151	.11280	.09313	.08955	.16785	.12426	.12433	.10463	.16618	.17805
	GRADIENT	.02695	.05117	.00193	-.00229	.00454	.00328	.00353	.00411	.00277	.00048

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.102	-4.231	-.01185	-.13646	.20438	.21591	.27305	.26931	.29183	.27561	.26677	.29485
1.097	-3.821	.01278	-.10795	.21361	.22292	.27970	.27209	.29431	.27813	.26982	.29810
1.100	-1.932	.11203	.01765	.23748	.24357	.30071	.28766	.30828	.29343	.28192	.30902
1.101	.131	.23955	.14568	.23814	.24508	.31467	.29636	.31963	.30448	.28807	.31593
1.099	2.006	.26400	.25215	.24238	.23587	.32341	.30249	.32517	.31098	.29534	.31386
1.098	4.060	.26660	.26735	.24614	.23093	.32457	.30491	.32654	.31325	.29916	.31631
1.098	6.010	.26362	.26542	.24476	.22869	.32484	.30432	.32369	.31190	.29866	.31535
1.099	8.012	.25539	.25511	.23846	.22215	.32254	.29794	.31837	.30390	.29248	.31045
1.098	9.988	.23401	.24250	.22618	.21191	.31822	.28875	.31205	.29330	.27224	.29912
1.098	12.021	.20759	.22889	.20729	.19662	.30400	.27040	.29054	.27097	.26039	.28341
1.098	14.008	.19840	.20753	.18916	.17767	.28280	.24821	.26385	.24425	.25026	.26845
1.097	15.982	.18125	.18455	.16246	.15452	.25256	.21600	.22010	.20672	.23096	.24891
1.098	18.027	.16120	.16827	.14014	.14277	.19906	.14298	.14913	.12064	.20975	.23157
	GRADIENT	.03652	.05229	.00459	.00160	.00642	.00446	.00446	.00479	.00394	.00254

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-4.230	.03071	-.10332	.21702	.22660	.28908	.28495	.30824	.29181	.28097	.30157
1.150	-2.009	.13617	.03807	.24119	.24744	.31094	.30055	.32107	.30613	.29142	.31457
1.150	.011	.24936	.16622	.24179	.24888	.32556	.30704	.32999	.31456	.29281	.31959
1.151	2.027	.26448	.26485	.24797	.23862	.32907	.31260	.33315	.31966	.29497	.31905
1.151	4.114	.26428	.27046	.24711	.23175	.32824	.31010	.33037	.31809	.29672	.32034
1.149	5.708	.25809	.26521	.24127	.22618	.32619	.30461	.32277	.31251	.29371	.31727
1.149	8.003	.24671	.25179	.23091	.21555	.31931	.29497	.31411	.30017	.28610	.31103
1.150	10.080	.22446	.23517	.21291	.19959	.30809	.27813	.29816	.28239	.26852	.29677
1.149	12.084	.20514	.22086	.18903	.17671	.28911	.24938	.27588	.24679	.26093	.28277
1.151	14.054	.20465	.21251	.17402	.17011	.25176	.18982	.22233	.18440	.25388	.27738
1.150	16.024	.19483	.20342	.16067	.16951	.22920	.16722	.19287	.15957	.24431	.26879
1.151	18.060	.18240	.19543	.14929	.16499	.20971	.15050	.16783	.13137	.22973	.25572
	GRADIENT	.02884	.04709	.00326	.00012	.00468	.00303	.00273	.00320	.00170	.00205

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.200	-4.090	.08602	-.07714	.21179	.22590	.29963	.29374	.31979	.29549	.28626	.25875
1.197	-1.857	.19870	.06545	.23304	.24194	.31636	.30560	.32583	.30681	.28770	.27810
1.201	.004	.25073	.21154	.23370	.23329	.32490	.30282	.32985	.30899	.28425	.29071
1.198	2.104	.25051	.26889	.23435	.22184	.32140	.30415	.32554	.30834	.28464	.31503
1.203	4.006	.24068	.26343	.22447	.21127	.31510	.28798	.31408	.29008	.28068	.32027
1.202	6.042	.23047	.25637	.21507	.20466	.30887	.26895	.30217	.26743	.27642	.32008
1.201	8.046	.22350	.24065	.19864	.19517	.29829	.24440	.28905	.24288	.27583	.31453
1.199	10.042	.22114	.23604	.18723	.18790	.28312	.22826	.26862	.22781	.26946	.30713
1.203	12.036	.21023	.23609	.17117	.18309	.27076	.20879	.25041	.20330	.26963	.30443
1.201	14.011	.21349	.23235	.16861	.18009	.25887	.19889	.23397	.18923	.26710	.30429
1.200	16.020	.21418	.21934	.16771	.18291	.24141	.18792	.20869	.17825	.24854	.27758
1.200	18.002	.16829	.17876	.16947	.17879	.22412	.17641	.18796	.15952	.20795	.25964
	GRADIENT	.01814	.04408	.00138	-.00239	.00183	-.00059	-.00055	-.00041	-.00069	.00796

RUN NO. 88/.0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.299	-1.931	.21487	.09140	.20299	.19274	.28289	.23884	.29108	.23274	.16183	.21158
1.299	-.060	.23737	.20276	.20920	.19857	.28069	.23463	.28221	.23489	.22197	.18444
1.299	1.936	.23666	.22757	.20765	.20056	.28433	.22965	.28248	.23523	.24374	.15982
1.300	4.028	.24074	.24701	.19990	.19563	.27821	.22641	.27334	.22918	.26625	.15139
1.299	5.939	.23542	.25516	.20141	.19918	.28233	.22189	.26948	.21887	.26819	.19498
1.300	7.974	.23503	.25365	.20753	.20287	.28001	.21502	.26568	.21150	.26294	.26933
1.299	9.940	.22794	.24657	.20844	.20157	.28595	.21295	.26709	.20904	.25933	.28366
1.300	12.007	.20956	.22901	.20156	.19566	.27235	.20567	.25611	.20081	.23952	.27113
1.300	13.936	.18486	.20759	.18446	.18800	.26559	.19831	.25068	.19392	.22581	.26744
1.299	15.981	.16419	.18665	.16841	.17649	.25001	.18141	.23061	.17951	.21269	.25957
1.301	17.985	.14957	.17174	.15329	.15858	.21943	.15735	.19968	.15167	.20464	.24875
	GRADIENT	.00381	.02446	-.00058	.00051	-.00053	-.00212	-.00266	-.00054	.01674	-.01027

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.400	-3.954	.15600	-.02718	.20200	.15624	.27951	.23056	.27958	.17656	.17993	.29053
1.400	-1.985	.21135	.07620	.19265	.18500	.27731	.23312	.27386	.20869	.17448	.25544
1.399	-.031	.23123	.17472	.19928	.19581	.28184	.23577	.28651	.23604	.21806	.23456
1.400	1.958	.24382	.21176	.21748	.20380	.29105	.24186	.28581	.24404	.24470	.21327
1.399	3.976	.25506	.22882	.23082	.21514	.28819	.23755	.28045	.24125	.26807	.18758
1.400	5.945	.25660	.24438	.22328	.21743	.28353	.23593	.26947	.23515	.27810	.15315
1.401	8.006	.25827	.23640	.21940	.21689	.27633	.23607	.25957	.23175	.27109	.13208
1.399	9.955	.23655	.23167	.20319	.21388	.28069	.23535	.26317	.23523	.25988	.19356
1.401	11.956	.20798	.21534	.18454	.19609	.27348	.23881	.25679	.23477	.24940	.24083
1.401	14.006	.19327	.20589	.16600	.19897	.26021	.21359	.24570	.21383	.23373	.25546
1.400	15.969	.17314	.18699	.15678	.18972	.24098	.19268	.22902	.19511	.21394	.24864
1.399	18.004	.15302	.17190	.15012	.18884	.21821	.17139	.19829	.16226	.19462	.23939
	GRADIENT	.01163	.03264	.00418	.00689	.00157	.00114	.00068	.00830	.01245	-.01252

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.548	-3.916	.15535	.03915	.19926	.15052	.26227	.20507	.26178	.17052	.24378	.34774
1.549	-1.929	.22995	.11522	.20397	.17169	.26816	.21580	.26599	.16381	.20815	.31366
1.550	.009	.25067	.15580	.21529	.20097	.27029	.21930	.26559	.21590	.20521	.28751
1.551	2.017	.25629	.20094	.23052	.21736	.27106	.22344	.24131	.22501	.21041	.26019
1.552	4.012	.25500	.21056	.21625	.21429	.27620	.23072	.25650	.23050	.24452	.22703
1.551	6.030	.25701	.20612	.22280	.21461	.28200	.24349	.27203	.24412	.25497	.19412
1.550	8.072	.25717	.21113	.20849	.21878	.27499	.23531	.26554	.23361	.26580	.16556
1.549	10.056	.21993	.20757	.18740	.19441	.26448	.22341	.25702	.22826	.25359	.13191
1.548	12.088	.19466	.21019	.17268	.19649	.25297	.21124	.24422	.21693	.24597	.12784
1.547	14.077	.19293	.20900	.16598	.18293	.23934	.19325	.23289	.20041	.23528	.17067
1.548	16.089	.18961	.19447	.16491	.18015	.22449	.18085	.21042	.17638	.23361	.20970
	GRADIENT	.01137	.02163	.00305	.00873	.00155	.00298	-.00178	.00913	.00021	-.01489

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (IVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.899	-3.948	-.21632	-.32093	.02575	.04020	.08554	.07775	.10091	.08604	.02843	.07278
.901	-2.075	-.09418	-.17224	.05720	.06585	.11019	.09710	.12493	.11195	.09240	.11516
.902	-.043	.02818	-.02438	.06881	.06841	.13089	.11539	.14768	.13904	.12260	.14263
.899	1.912	.07812	.05463	.07173	.06432	.14132	.12720	.16646	.13302	.12373	.14735
.901	4.013	.08542	.08422	.07863	.06423	.15077	.13297	.16763	.14558	.13054	.14403
.901	5.955	.08625	.08423	.08172	.06732	.15900	.13792	.16970	.15280	.13466	.14569
.900	7.975	.08364	.07852	.07972	.06469	.16325	.13783	.17150	.15623	.13477	.14354
.899	9.994	.07260	.06499	.07095	.05609	.16164	.13287	.15668	.14159	.12939	.13694
.898	12.001	.05680	.04771	.05742	.04377	.15205	.12155	.13837	.12428	.11910	.12667
.896	13.988	.04070	.03097	.04298	.03262	.13946	.10744	.11972	.10727	.10394	.11279
.896	16.034	.02660	.01750	.02350	.01605	.11835	.08596	.09034	.07895	.08267	.09420
	GRADIENT	.03877	.05189	.00600	.00230	.00809	.00704	.00875	.00701	.01173	.00870

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.198	-3.971	.10658	-.04158	.22808	.23853	.30207	.29368	.32347	.29962	.24350	.23239
1.201	-1.989	.19403	.10181	.24220	.25128	.31489	.29993	.33375	.31245	.28744	.24033
1.199	.078	.23304	.23299	.24913	.23822	.32260	.30678	.34214	.32424	.29484	.24178
1.202	2.000	.23972	.25873	.24307	.22760	.32094	.29793	.34926	.29788	.28585	.24967
1.199	4.043	.22877	.25686	.23673	.22280	.31574	.29353	.33140	.29932	.27628	.27572
1.201	6.037	.21815	.25046	.22805	.21484	.31425	.27491	.32299	.28899	.26845	.28080
1.201	7.984	.21095	.23459	.21307	.20003	.30390	.24809	.30360	.25244	.26639	.28847
1.199	10.068	.20746	.21851	.19157	.18454	.28842	.23147	.27609	.23350	.26685	.29913
1.203	12.004	.20152	.21875	.17717	.18056	.26995	.21052	.24559	.21078	.26514	.32104
1.203	13.983	.19532	.23373	.16585	.18389	.26040	.19991	.23003	.19487	.25787	.34463
1.195	16.063	.19115	.21901	.15579	.18323	.24168	.18602	.20875	.17619	.23523	.30768
	GRADIENT	.01450	.03770	.00091	-.00275	.00167	-.00011	.00156	-.00073	.00320	.00480

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (IVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.548	-3.832	.08962	.06458	.20022	.15765	.26259	.20989	.26655	.17129	.25355	.37865
1.551	-1.943	.16602	.07919	.20912	.18179	.27003	.21683	.27614	.19822	.23804	.36762
1.549	.059	.23892	.11688	.21545	.20975	.26594	.22480	.27796	.18451	.23554	.34380
1.550	2.067	.24667	.17805	.22432	.21976	.26946	.22810	.26012	.19892	.24264	.28469
1.550	4.112	.23898	.20710	.21667	.21868	.27123	.23078	.27833	.23596	.25284	.23872
1.550	6.042	.23586	.19613	.22160	.21132	.27923	.24095	.27846	.24597	.26447	.20021
1.549	8.081	.24050	.21385	.20520	.21477	.27016	.23262	.27430	.24192	.27063	.17410
1.547	10.091	.21673	.21537	.18649	.19508	.26204	.21936	.25779	.22439	.25313	.13943
1.548	12.081	.20252	.19063	.17428	.18795	.24876	.20793	.24006	.20687	.24527	.12910
1.545	14.063	.18976	.19363	.16829	.18373	.23479	.19287	.22445	.19787	.23900	.17314
1.552	16.095	.18423	.18646	.16687	.18378	.22155	.18178	.20350	.17481	.23949	.21116
	GRADIENT	.01894	.01933	.00240	.00801	.00083	.00266	.00037	.00655	.00020	-.01829

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.201	-1.814	-.24997	-.14972	-.08792	-.00114	-.03735	.04294	-.04602	.06715	-.10068	.00528
.203	.154	-.10712	-.02709	-.09186	-.01040	-.01662	.05989	-.01741	.08220	-.05285	.06892
.203	2.179	-.07843	.01477	-.07918	-.00332	-.00121	.06902	.00639	.08923	-.03671	.08291
.202	4.153	-.07847	.01627	-.07851	-.00620	.00435	.06959	.01837	.08999	-.03075	.08431
.203	6.085	-.08701	.02597	-.08008	-.00891	.01272	.06641	.01899	.08807	-.02774	.08382
.201	7.845	-.08548	.01745	-.07409	-.00829	.02674	.07105	.02317	.07681	-.01686	.08176
.201	9.843	-.08715	-.00977	-.08152	-.03037	.02644	.05909	.02502	.06480	-.02042	.05482
.201	11.747	-.09159	-.02822	-.08666	-.03607	.02020	.05152	.01449	.05938	-.02823	.04796
.202	13.750	-.10273	-.05133	-.10067	-.04924	.00712	.02894	-.00631	.03105	-.04500	.02401
.201	15.741	-.11774	-.07279	-.11923	-.07282	-.01498	.00284	-.03291	-.00288	-.06781	-.00001
.200	17.724	-.13751	-.08935	-.13399	-.08867	-.03683	-.01170	-.06647	-.03690	-.08649	-.01169
	GRADIENT	.02723	.02707	.00206	-.00040	.00705	.00447	.01029	.00379	.01133	.01259

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.250	-1.985	-.21330	-.15412	-.06401	.02741	-.01254	.06598	-.01476	.07385	-.06477	.04098
.250	.185	-.10660	-.05569	-.06856	.01542	.00253	.07428	.01182	.08148	-.03054	.07857
.250	2.161	-.05844	.02128	-.06275	.01051	.01484	.08522	.02272	.09674	-.01967	.08520
.250	4.125	-.05288	.02892	-.05718	.01314	.02248	.08848	.03180	.10646	-.01055	.08990
.250	6.096	-.05616	.02474	-.05974	.01042	.02761	.08990	.03549	.10783	-.01035	.08844
.251	7.930	-.05878	.01959	-.05949	.00748	.03954	.09227	.04097	.10084	-.00464	.08939
.253	10.021	-.06517	.01266	-.06096	.00776	.04423	.09332	.04213	.09545	-.00277	.08980
.250	11.940	-.08070	-.01427	-.07426	-.01640	.03078	.07079	.02362	.06866	-.01640	.06506
.251	13.902	-.08872	-.02829	-.08232	-.02400	.02014	.05712	.00517	.04858	-.02685	.04928
.250	15.709	-.09823	-.04951	-.09680	-.03944	.00579	.03445	-.01506	.02297	-.04590	.02657
	GRADIENT	.02632	.03102	.00126	-.00238	.00579	.00387	.00746	.00555	.00861	.00764

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.401	-1.955	-.25834	-.14624	-.07245	.02076	-.01902	.06135	-.03190	.08806	-.06971	.04009
.401	.036	-.09819	-.03898	-.07850	.01055	-.00760	.07247	-.00381	.08528	-.03898	.07710
.401	2.050	-.06360	.02563	-.06751	.01133	.00633	.08125	.02214	.09675	-.02652	.08548
.401	4.012	-.05597	.03275	-.06025	.01384	.02080	.08520	.02927	.10839	-.01586	.09019
.402	6.031	-.05532	.03114	-.05806	.01337	.03152	.09017	.03886	.11107	-.00746	.09247
.402	7.898	-.06003	.01919	-.06007	.00726	.03842	.08841	.03997	.10192	-.00465	.08915
.403	9.941	-.06895	.00685	-.06632	-.00081	.03863	.08227	.03864	.09035	-.00770	.08264
.403	11.847	-.07512	-.01109	-.06979	-.01494	.03606	.06596	.02916	.06905	-.01148	.06403
.402	13.841	-.08820	-.02823	-.08249	-.02528	.02041	.04995	.00732	.04728	-.02642	.04649
.402	15.870	-.09683	-.04366	-.09689	-.04330	.00567	.02992	-.01368	.02066	-.04290	.02838
	GRADIENT	.03226	.03024	.00239	-.00101	.00670	.00404	.01053	.00364	.00874	.00797

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.700	-1.942	-.24675	-.24442	-.05462	.04041	-.00942	.07139	-.01388	.08051	-.01800	.11336
.700	.041	-.05414	-.07470	-.05855	.03927	.01094	.08550	.00955	.09915	-.00903	.11490
.700	2.017	-.03822	.04810	-.04772	.02510	.02909	.09888	.02510	.10896	.00362	.11494
.701	3.980	-.01673	.06954	-.04383	.02880	.04130	.10308	.03747	.11454	.01366	.11886
.701	6.002	-.01436	.07197	-.03882	.03319	.04568	.10713	.04048	.11651	.01780	.12344
.701	7.987	-.01612	.06188	-.03773	.03333	.04949	.10809	.03978	.11279	.01892	.11244
.701	9.983	-.02625	.05559	-.04520	.02605	.04910	.10156	.03869	.10599	.01342	.11676
.701	11.940	-.04632	.03817	-.05484	.00958	.04831	.08473	.04311	.08393	.00697	.09912
.700	13.869	-.04753	.01713	-.06198	-.00378	.03254	.06942	.01961	.06518	-.00489	.08275
.698	15.856	-.07076	-.00868	-.08124	-.01682	.01563	.04915	-.00620	.03839	-.02372	.06141
.697	17.909	-.09669	-.03393	-.09559	-.02602	-.00855	.02475	-.04030	-.00279	-.04900	.03498
	GRADIENT	.03580	.05397	.00219	-.00248	.00863	.00550	.00859	.00567	.00545	.00084

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.800	-3.993	-.34028	-.36243	-.06259	.04557	-.02598	.07896	-.02016	.09049	-.02567	.11929
.800	-1.945	-.18180	-.23086	-.03798	.06391	.01066	.09497	.01051	.10547	.00485	.13819
.800	-.103	-.03426	-.06617	-.03684	.06356	.03396	.10646	.02956	.12011	.01389	.14238
.800	2.034	-.01669	.07453	-.03074	.05055	.05237	.12029	.04686	.13184	.02226	.14076
.800	3.997	-.00760	.08905	-.02463	.05272	.06403	.12491	.05692	.13680	.04102	.14524
.799	5.983	.00350	.09340	-.01806	.05576	.06685	.12906	.06136	.13865	.04232	.14906
.800	7.938	.00479	.08683	-.01351	.05699	.07349	.13101	.06560	.13804	.04622	.14520
.800	10.015	-.01236	.07773	-.02106	.04914	.07619	.12518	.06482	.13557	.02921	.14205
.800	11.935	-.02824	.06431	-.02873	.03489	.07562	.10784	.06773	.10767	.02400	.12367
.800	13.922	-.03053	.04356	-.03669	.01960	.06368	.09159	.05344	.08736	.02145	.10731
.800	15.918	-.04393	.02075	-.05324	.00498	.04277	.07082	.02133	.05938	.00220	.08680
.800	17.964	-.07020	-.00520	-.06862	-.00695	.01392	.04681	-.01557	.02144	-.02305	.06255
	GRADIENT	.04141	.06046	.00417	.00003	.01110	.00587	.00954	.00595	.00755	.00272

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.850	-1.921	-.15705	-.19956	-.01908	.07980	.03198	.11469	.03372	.12547	.02614	.15552
.850	.083	-.01060	-.03151	-.01601	.08094	.05632	.12649	.05390	.13984	.03467	.16040
.849	1.911	.00411	.09015	-.01061	.07038	.07261	.13769	.06881	.15032	.04627	.15926
.850	3.916	.01721	.10655	-.00285	.07057	.08431	.14339	.07872	.15566	.05730	.16327
.850	6.055	.02496	.11060	.00354	.07353	.08817	.14615	.08452	.15663	.06032	.16653
.850	7.947	.02432	.10841	.00553	.07637	.09293	.15027	.08583	.15652	.06254	.17029
.850	10.052	.00885	.10087	.00106	.06952	.09682	.14366	.08538	.15089	.04843	.16091
.850	11.914	-.00718	.08451	-.00914	.05388	.09568	.12623	.08740	.12512	.04341	.14280
.850	13.904	-.01098	.06457	-.01663	.04000	.08336	.11130	.07232	.10628	.04335	.12772
.850	15.960	-.02605	.04192	-.03450	.02355	.06048	.08924	.03848	.07642	.02474	.10660
.850	17.893	-.04940	.01667	-.04836	.01170	.03347	.06397	.00489	.04071	.00017	.08357
.850	18.929	-.06172	.00380	-.05377	.01427	.02161	.05323	-.01266	.02247	-.01455	.07049
	GRADIENT	.02791	.05370	.00280	-.00195	.00896	.00502	.00775	.00522	.00543	.00115

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.901	-3.993	-.25069	-.30555	-.01113	.08900	.03020	.12751	.04265	.14010	.02529	.16767
.901	-1.992	-.12045	-.17611	.01133	.10988	.06493	.14471	.06679	.15562	.05091	.18462
.902	-.031	.01965	-.00506	.01634	.11091	.08835	.15686	.08643	.17048	.06302	.19031
.901	1.956	.03772	.12238	.02208	.10049	.10421	.16814	.10091	.17933	.07753	.18941
.899	3.998	.05019	.13607	.02773	.09966	.11266	.17206	.10946	.18422	.08637	.19294
.900	5.974	.05337	.14060	.03243	.10280	.11650	.17576	.11300	.18519	.09003	.19572
.900	7.870	.05437	.13621	.03506	.10337	.12238	.17607	.11668	.18288	.09322	.19622
.899	9.976	.04131	.12943	.02973	.09788	.12374	.17113	.11281	.17764	.08249	.18837
.900	11.929	.02740	.11396	.01916	.08227	.12497	.15440	.11808	.15275	.07575	.17061
.899	13.877	.01827	.09274	.01071	.06682	.11025	.13651	.09918	.13142	.06783	.15458
.900	15.937	.00338	.07096	-.00637	.05144	.08827	.11416	.06593	.10183	.04994	.13502
.900	17.933	-.02149	.04564	-.02270	.03909	.05968	.08759	.03144	.06527	.02520	.11160
	GRADIENT	.03805	.05920	.00444	.00059	.01024	.00564	.00841	.00561	.00746	.00277

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.949	-4.034	-.20962	-.26369	.03137	.12404	.07703	.16600	.09046	.17846	.07639	.20208
.950	-1.959	-.07783	-.11753	.05209	.14753	.10734	.18686	.11012	.19827	.09314	.22148
.949	-.034	.04749	.03418	.05561	.14872	.12874	.19581	.12847	.20926	.10393	.22660
.949	1.998	.08354	.16058	.06196	.13853	.14247	.20682	.14243	.21767	.11537	.22477
.950	3.973	.08761	.17439	.06885	.13754	.15042	.21134	.14934	.22295	.12229	.22880
.951	6.040	.09219	.17643	.07219	.13959	.15583	.21239	.15332	.22207	.12618	.23003
.950	7.898	.09086	.17242	.07323	.13891	.16009	.21191	.15381	.21910	.12770	.23054
.950	9.938	.07822	.16664	.06688	.13406	.15982	.20692	.14989	.21120	.11912	.22263
.951	11.944	.05823	.14745	.05526	.11636	.15920	.18710	.15100	.18617	.10940	.20361
.950	13.959	.05174	.12762	.04548	.10148	.14327	.17074	.13347	.16535	.10311	.18883
.950	15.980	.03657	.10619	.02673	.08393	.12001	.14580	.09752	.13277	.08546	.16783
.949	17.944	.01111	.07955	.00917	.06981	.09118	.11718	.06146	.09436	.06121	.14425
	GRADIENT	.03787	.05782	.00426	.00092	.00912	.00555	.00752	.00543	.00571	.00285

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.981	-4.081	-.17952	-.23410	.05603	.15017	.10222	.19430	.11746	.20640	.10032	.22703
.980	-1.928	-.04459	-.08860	.07744	.17203	.13399	.21277	.13732	.22435	.11769	.24527
.978	-.014	.07213	.05918	.07976	.17179	.15391	.21958	.15343	.23307	.12706	.24832
.979	2.026	.10799	.18395	.08685	.16180	.16700	.22980	.16617	.24130	.13872	.24733
.979	3.994	.11186	.19639	.09158	.15974	.17523	.23313	.17236	.24500	.14548	.25046
.979	5.991	.11278	.19868	.09323	.16126	.17675	.23442	.17454	.24433	.14596	.25158
.979	7.940	.11126	.19526	.09376	.16024	.18119	.23281	.17570	.24057	.14812	.25008
.980	9.961	.10053	.18467	.09045	.15167	.18251	.22403	.17300	.22728	.14163	.24024
.980	11.932	.07862	.16831	.07434	.13736	.17897	.20768	.17105	.20670	.13181	.22427
.979	13.945	.07238	.14611	.06527	.11969	.16234	.18810	.15230	.18241	.12295	.20727
.981	15.898	.05625	.12620	.04605	.10366	.13886	.16409	.11697	.15127	.10476	.18726
.979	17.969	.02847	.09862	.02613	.08681	.10702	.13212	.07701	.10816	.07863	.16297
	GRADIENT	.03669	.05646	.00403	.00048	.00893	.00473	.00631	.00470	.00555	.00246

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.051	-4.011	-.08246	-.14409	.12003	.21610	.17314	.26263	.18916	.27524	.16645	.29329
1.050	-1.942	.03560	-.00790	.14257	.23195	.20237	.27562	.20651	.28737	.18298	.30492
1.049	-.019	.14211	.13590	.14443	.23281	.22087	.28218	.22129	.29551	.19262	.30851
1.050	2.009	.16965	.24803	.15059	.22256	.23024	.29055	.23019	.30181	.19826	.30780
1.048	4.018	.17387	.25563	.15349	.21788	.23584	.29053	.23461	.30190	.20796	.30919
1.048	6.058	.17158	.25556	.15247	.21680	.23437	.28800	.23264	.29849	.20569	.30796
1.049	7.995	.16732	.24981	.14950	.21421	.23564	.28532	.23075	.29294	.20528	.30666
1.050	10.014	.14992	.24058	.14051	.20809	.23294	.27978	.22311	.28660	.18871	.30050
1.049	11.998	.12251	.22035	.12275	.18631	.22555	.25459	.21400	.25270	.17767	.27723
1.049	13.933	.11170	.19824	.10838	.16777	.20810	.23337	.19464	.22602	.17346	.26035
1.051	15.966	.10106	.17552	.08561	.14854	.17887	.20369	.15481	.18883	.15345	.24030
1.050	17.958	.07711	.15140	.05411	.12793	.13592	.16036	.10252	.13161	.13057	.21699
	GRADIENT	.03231	.05272	.00376	-.00029	.00766	.00354	.00573	.00339	.00492	.00174

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.101	-3.861	-.00117	-.04837	.18121	.26546	.23591	.31393	.25180	.32723	.22310	.33563
1.101	-1.934	.09501	.05933	.19809	.28710	.25832	.33070	.26333	.34165	.23446	.35650
1.098	.011	.19538	.19679	.19866	.28691	.27516	.33638	.27589	.34859	.24240	.35924
1.097	1.967	.22070	.30001	.20334	.27586	.28268	.34238	.28342	.35253	.25015	.35745
1.098	4.069	.22504	.30678	.20676	.26919	.28777	.34183	.28805	.35131	.25520	.35688
1.102	6.028	.22090	.30561	.20471	.26827	.28607	.34023	.28446	.34895	.25270	.35648
1.101	7.940	.21640	.29465	.20136	.26270	.28733	.33459	.28197	.34161	.25165	.35233
1.099	10.041	.19676	.28221	.19071	.25110	.28326	.32313	.27400	.32949	.23239	.33969
1.101	11.953	.17184	.26564	.17143	.23325	.27309	.30161	.26279	.29994	.22351	.32126
1.100	13.871	.16566	.24205	.15547	.21186	.25421	.27686	.23701	.26944	.21322	.30269
1.101	15.911	.14546	.21799	.12463	.18813	.22491	.24286	.19736	.22751	.19543	.28199
1.101	17.912	.13038	.19878	.10223	.17412	.16167	.18963	.12245	.15507	.17879	.26207
	GRADIENT	.02908	.04792	.00284	-.00023	.00645	.00339	.00467	.00297	.00403	.00217

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-3.928	.03376	-.05213	.18593	.28374	.24416	.33530	.26286	.34571	.23621	.36076
1.151	-1.962	.12028	.08817	.19842	.29347	.26895	.34305	.27437	.35484	.24340	.36397
1.151	.008	.20557	.22256	.20066	.29089	.28922	.34862	.28786	.36144	.24788	.36291
1.148	2.044	.22220	.31193	.20814	.28596	.29031	.35224	.29226	.36211	.25198	.36219
1.149	4.047	.22137	.30991	.20705	.27242	.29145	.34843	.29128	.35810	.25186	.36151
1.150	6.039	.21338	.30439	.20080	.26650	.28703	.34109	.28453	.34920	.24694	.35761
1.149	7.933	.20588	.28948	.19338	.25442	.28524	.32826	.27811	.33460	.24447	.34858
1.149	9.940	.18383	.27407	.17780	.23883	.27492	.31099	.26286	.31602	.22602	.33639
1.149	11.887	.17252	.25401	.14594	.21078	.26383	.27698	.25323	.27228	.22970	.31572
1.148	13.900	.17316	.24230	.13144	.20003	.21841	.23754	.19430	.22291	.22236	.30684
1.150	15.857	.16566	.23152	.12016	.19823	.20203	.20543	.16938	.18949	.21584	.29456
1.150	17.910	.15385	.21941	.11590	.19413	.18389	.18063	.14701	.15707	.20778	.27696
1.148	18.951	.15292	.20809	.11645	.19734	.17583	.17202	.13599	.14717	.17096	.26193
	GRADIENT	.02384	.04742	.00260	-.00152	.00579	.00177	.00374	.00160	.00199	-.00002

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.200	-4.012	.16576	-.03105	.16999	.27827	.25348	.34243	.27105	.35015	.09679	.34634
1.202	-1.980	.19540	.11528	.18557	.28610	.27220	.34673	.27951	.35508	.26393	.35100
1.201	-.016	.21216	.24558	.18573	.27853	.28257	.34532	.28322	.35521	.28397	.35095
1.201	2.000	.21036	.30461	.18609	.26292	.28752	.34234	.28385	.34970	.25293	.35022
1.200	3.978	.20215	.29608	.18311	.25103	.28054	.33348	.27748	.34012	.24257	.34903
1.201	6.018	.18819	.28664	.17582	.23996	.26768	.31809	.25928	.32220	.23267	.34485
1.200	7.937	.18289	.27691	.14934	.23298	.24978	.29624	.23874	.29546	.24266	.34435
1.202	9.993	.17956	.27330	.14518	.22916	.23650	.26729	.22155	.26496	.24724	.34034
1.198	11.886	.18068	.26379	.14194	.21792	.23845	.23793	.22170	.22971	.23276	.32456
1.196	13.858	.18046	.25468	.14473	.21452	.22677	.22569	.20779	.21492	.24992	.31566
1.204	15.934	.17502	.24389	.15270	.21186	.21425	.21083	.18870	.19759	.19226	.29601
1.202	17.947	.13425	.21008	.14038	.20210	.19839	.19764	.16756	.17890	.16996	.27649
	GRADIENT	.00441	.04229	.00135	-.00388	.00349	-.00111	.00087	-.00127	.01411	.00023

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	-4.010	.12648	.01944	.14622	.22422	.23289	.31027	.24639	.30413	.10293	.28510
1.301	-1.957	.15077	.20906	.14040	.24957	.23333	.29566	.23591	.30553	.09895	.24203
1.300	-.020	.17522	.29038	.15424	.24779	.23473	.28501	.22852	.29275	.16867	.21575
1.299	1.989	.18010	.31121	.15390	.24815	.23383	.27959	.22926	.28491	.19151	.22594
1.300	4.021	.18905	.31165	.15107	.24570	.23254	.27607	.22255	.27511	.21272	.30126
1.299	6.015	.19331	.31138	.15128	.24649	.23420	.27174	.22112	.27010	.22056	.36341
1.300	7.960	.20687	.30593	.16168	.25123	.23974	.26689	.22314	.26400	.23712	.37880
1.300	9.999	.19948	.29752	.16085	.24578	.23542	.26408	.21636	.26340	.22199	.36256
1.301	11.906	.18320	.27379	.15256	.23755	.23589	.24834	.21836	.24272	.21056	.32866
1.300	13.940	.15624	.24561	.14154	.22051	.22465	.23457	.20732	.22847	.19328	.32141
1.299	15.926	.13506	.21752	.12499	.20641	.20930	.21141	.19253	.20771	.17679	.30706
1.299	17.954	.11680	.19952	.11511	.19081	.18814	.17878	.17249	.16917	.16458	.29373
	GRADIENT	.00772	.03432	.00115	.00208	-.00001	-.00422	-.00272	-.00393	.01556	.00084

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.401	-4.020	.08814	.03295	.15428	.21473	.23132	.28096	.22326	.25853	.15414	.31819
1.401	-1.993	.15508	.14257	.14778	.23782	.23483	.28040	.22457	.27755	.14162	.28490
1.401	-.015	.17317	.23948	.14528	.24776	.23027	.28769	.22891	.29210	.16670	.25918
1.402	1.977	.19879	.26352	.15872	.25263	.23715	.28138	.22531	.28731	.20367	.23527
1.399	4.008	.20866	.29025	.16870	.25517	.23670	.28073	.22128	.28275	.22760	.21161
1.400	6.072	.20508	.30437	.16903	.25744	.23475	.27708	.22297	.27833	.22928	.21912
1.401	8.039	.20302	.31497	.16873	.27326	.23437	.28256	.21954	.27876	.21431	.27713
1.400	10.071	.17653	.28848	.14975	.26105	.23971	.28469	.22143	.27831	.19546	.30542
1.402	11.999	.15308	.25780	.14112	.23527	.24106	.26718	.22787	.26337	.18744	.30952
1.401	14.063	.14513	.24578	.13660	.23918	.23162	.24984	.22357	.24687	.17825	.30793
1.401	15.966	.13779	.23531	.13088	.23729	.21973	.22382	.20994	.22169	.16974	.29673
1.399	18.004	.12645	.21574	.13118	.22383	.19912	.20692	.18279	.19104	.16119	.27932
	GRADIENT	.01422	.03173	.00199	.00478	.00065	.00002	-.00016	.00291	.01043	-.01312

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.548	-3.908	.10887	.09294	.14260	.20346	.20705	.26507	.20204	.21725	.22897	.36179
1.548	-1.851	.17120	.15589	.15971	.23103	.21647	.26546	.21064	.25766	.21344	.33427
1.549	.114	.19448	.21053	.15343	.24667	.22111	.27607	.20335	.27502	.17871	.31119
1.549	2.104	.20291	.25325	.16950	.24842	.22270	.28547	.19233	.28644	.18880	.28598
1.550	4.150	.19497	.24750	.16803	.24478	.22700	.27420	.17710	.27453	.20613	.25128
1.551	6.220	.18870	.25867	.16528	.25943	.22543	.29451	.20378	.29400	.20406	.21930
1.552	8.091	.19986	.25727	.15967	.24495	.22657	.29986	.21695	.29059	.20868	.20051
1.551	10.026	.16421	.25377	.14095	.23159	.23832	.25353	.22320	.25977	.17293	.19468
1.547	11.923	.15012	.24295	.13702	.21890	.21139	.24166	.20914	.24652	.18449	.23132
1.546	13.900	.13612	.23175	.12641	.20697	.20666	.22107	.19912	.21958	.17058	.27931
1.552	15.908	.13697	.22143	.11744	.21038	.18706	.20664	.17812	.19553	.15950	.28949
1.549	17.898	.12513	.21315	.11258	.21266	.17175	.19489	.15444	.17343	.16180	.28669
	GRADIENT	.01017	.02024	.00303	.00499	.00230	.00190	-.00339	.00714	-.00349	-.01342

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (IVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.202	-1.929	-.18869	-.27909	-.04252	-.04110	.01684	-.01211	.01471	-.00507	-.04391	-.04245
.202	-.016	-.06148	-.09123	-.04734	-.05938	.03063	.00796	.03844	.02851	-.00409	.01151
.202	2.003	-.02213	-.03764	-.02709	-.04683	.04977	.02581	.06887	.03568	.01946	.03286
.202	3.989	-.02574	-.03843	-.02999	-.04974	.05042	.02575	.06389	.04833	.02223	.03562
.201	6.053	-.03195	-.02697	-.03339	-.05329	.05897	.03484	.06900	.05190	.02347	.03696
	GRADIENT	.02657	.03901	.00294	-.00065	.00606	.00663	.00899	.00843	.01119	.01287

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (IVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.250	-1.734	-.14478	-.20128	-.02562	-.02848	.03718	.01292	.04717	.02790	-.02207	-.00490
.250	.144	-.06343	-.10423	-.02485	-.02987	.05372	.03231	.05876	.03445	.01587	.02731
.251	2.144	-.01072	-.02428	-.01713	-.03066	.05756	.04619	.06969	.04976	.02912	.04121
.250	4.009	-.01161	-.02097	-.01951	-.03317	.06019	.04514	.07317	.05951	.03149	.04154
.250	6.242	-.01216	-.02149	-.01932	-.03363	.06648	.05006	.07726	.06652	.03504	.04362
	GRADIENT	.02355	.03234	.00137	-.00077	.00378	.00576	.00463	.00574	.00904	.00797

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.404	-1.870	-.15889	-.25753	-.02548	-.02317	.03381	.00591	.03611	.01430	-.01704	-.00937
.404	.085	-.04781	-.08826	-.02533	-.03448	.04947	.02697	.06288	.04682	.01781	.02812
.405	2.152	-.01199	-.02681	-.02075	-.03405	.05527	.03742	.07245	.04617	.02488	.03590
.399	4.167	-.00474	-.01489	-.01257	-.02858	.06632	.04564	.08203	.06402	.03744	.04486
.398	6.117	-.00988	-.01927	-.01616	-.03181	.07066	.04683	.08211	.06876	.03979	.04565
	GRADIENT	.02460	.03898	.00215	-.00077	.00511	.00641	.00728	.00733	.00842	.00841

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.599	-1.963	-.20697	-.30545	-.01730	-.01867	.03583	.00808	.03533	.01582	.02877	.04462
.599	.091	-.01992	-.13623	-.02615	-.01941	.05324	.02685	.05191	.03445	.00338	.05100
.599	2.060	-.00597	-.01202	-.01999	-.03192	.06228	.04484	.06651	.05246	.02721	.05537
.599	4.128	.00086	.01055	-.00798	-.02633	.07092	.05190	.09180	.06179	.03755	.06314
.599	6.169	.01202	.01254	-.00611	-.02423	.07874	.05583	.07280	.06155	.04600	.06599
	GRADIENT	.03153	.05292	.00168	-.00174	.00565	.00738	.00910	.00770	.00246	.00296

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.800	-1.822	-.13648	-.31155	.01284	.01458	.06747	.04347	.07069	.04558	.06680	.08788
.799	.082	.01856	-.12491	.00963	.01439	.08493	.05347	.08459	.06703	.06991	.09015
.800	2.136	.03581	.02146	.01359	.00607	.09789	.07467	.09654	.08339	.06370	.09212
.800	4.197	.03915	.04482	.02029	.00907	.10712	.08345	.10787	.09264	.06809	.09892
.800	6.261	.05018	.04809	.02652	.01184	.11069	.08769	.10589	.09562	.09130	.10179
	GRADIENT	.02671	.05013	.00133	-.00124	.00654	.00670	.00613	.00781	.00289	.00175

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (1VR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.850	-1.940	-.11930	-.28957	.03123	.03059	.08665	.06230	.09165	.06503	.08616	.10542
.850	.144	.04094	-.09628	.03068	.03327	.10501	.07903	.10680	.08707	.08931	.10977
.850	2.202	.05727	.04441	.03501	.02593	.11796	.09412	.11750	.10336	.08463	.11224
.850	4.246	.06571	.06365	.04204	.02810	.12659	.10330	.12627	.11298	.10505	.11893
.850	6.335	.06971	.06744	.04816	.03122	.13086	.10752	.12612	.11525	.10809	.12161
	GRADIENT	.02779	.05830	.00178	-.00072	.00644	.00670	.00556	.00777	.00251	.00208

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.900	-1.931	-.08173	-.25311	.06067	.05813	.11816	.09370	.12508	.09650	.11630	.13322
.900	.161	.07114	-.06212	.06139	.06139	.13617	.10896	.13844	.11747	.11886	.13780
.900	2.233	.08728	.07589	.06594	.05587	.14902	.12508	.14867	.13401	.11586	.14110
.900	4.321	.09678	.09312	.07310	.05732	.15509	.13277	.15272	.14192	.13311	.14728
.900	6.393	.09892	.09627	.07676	.05956	.15987	.13623	.15598	.14426	.13718	.15002
	GRADIENT	.02651	.05650	.00201	-.00038	.00594	.00640	.00447	.00734	.00228	.00218

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.950	-1.845	-.02670	-.19791	.10140	.09850	.16087	.13716	.16869	.14013	.15511	.17186
.949	.191	.11188	-.01736	.10238	.10122	.17785	.15095	.18049	.15924	.15745	.17575
.949	2.270	.12697	.11435	.10513	.09519	.18872	.16413	.18849	.17282	.15705	.17805
.949	4.361	.13496	.13101	.11208	.09493	.19318	.17093	.19238	.17981	.16953	.18387
.949	6.385	.13526	.13362	.11372	.09664	.19691	.17339	.19371	.18083	.17218	.18586
	GRADIENT	.02407	.05394	.00169	-.00081	.00520	.00553	.00382	.00640	.00208	.00185

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.981	-1.847	-.01794	-.17101	.12872	.12226	.18785	.16268	.19560	.16560	.17938	.19460
.979	.196	.12703	.00768	.12539	.12472	.20179	.17529	.20526	.18318	.18133	.19956
.979	2.283	.15374	.13867	.13198	.11887	.20947	.18869	.21267	.19706	.18650	.20201
.979	4.387	.15771	.15472	.13511	.11815	.21608	.19455	.21574	.20339	.19236	.20684
.979	6.418	.15736	.15521	.13568	.11852	.21803	.19535	.21600	.20374	.19373	.20737
	GRADIENT	.02653	.05319	.00124	-.00088	.00444	.00524	.00326	.00611	.00213	.00188

0A232 AEDC 16T TF431 LFN.1S RA .2P/S INV (IVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.049	-1.880	.05640	-.09002	.19015	.18508	.25230	.22809	.26012	.23112	.24042	.25885
1.048	.124	.19335	.08179	.18888	.18609	.26464	.23758	.26891	.24605	.24387	.26091
1.051	2.223	.21543	.20371	.19424	.18122	.27344	.25062	.27624	.25927	.24361	.26481
1.051	4.323	.21868	.21721	.19691	.17935	.27542	.25329	.27675	.26283	.25356	.26876
1.051	6.472	.21352	.21559	.19514	.17745	.27572	.25225	.27230	.26043	.24858	.26717
	GRADIENT	.02440	.05022	.00124	-.00107	.00376	.00428	.00276	.00522	.00190	.00163

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.101	-1.920	.12237	.01755	.24779	.23545	.30955	.28167	.31693	.28751	.29595	.29990
1.098	.082	.24789	.14023	.24413	.23891	.31972	.29177	.32394	.29914	.29487	.30977
1.101	2.167	.26684	.25405	.24597	.23127	.32757	.30138	.32841	.30941	.29969	.31078
1.100	4.279	.26751	.26460	.24842	.22863	.32620	.30339	.32713	.31274	.30056	.31382
1.098	6.344	.26244	.26188	.24530	.22548	.32603	.30082	.32261	.30886	.29733	.31231
	GRADIENT	.02179	.04120	.00019	-.00137	.00278	.00361	.00168	.00414	.00091	.00206

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-1.979	.14893	.01945	.25338	.23673	.32225	.29413	.33093	.29628	.30448	.30456
1.149	.012	.26120	.16298	.25067	.23982	.33249	.29989	.33713	.30733	.30147	.31080
1.151	2.154	.26913	.26193	.25335	.23088	.33449	.30647	.33701	.31307	.29659	.31275
1.149	4.267	.26830	.26534	.25120	.22574	.33227	.30467	.33228	.31257	.30144	.31539
1.149	6.306	.25982	.25908	.24356	.21931	.32828	.29783	.32384	.30461	.29589	.31141
	GRADIENT	.01733	.03989	-.00018	-.00203	.00152	.00182	.00017	.00260	-.00066	.00164

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.201	-1.981	.17139	.07078	.24625	.22828	.32834	.29216	.33610	.29510	.30135	.23082
1.199	.093	.26208	.21883	.24302	.22291	.33313	.29377	.33781	.30028	.29313	.27371
1.198	2.179	.25452	.26529	.24284	.21313	.33105	.29546	.33341	.29914	.28277	.31070
1.198	4.250	.24633	.26001	.23330	.20821	.32406	.28510	.32269	.28750	.28483	.31917
1.199	6.371	.23428	.25115	.22215	.20105	.31477	.25821	.30645	.25693	.27880	.31481
	GRADIENT	.01049	.02955	-.00188	-.00337	-.00072	-.00094	-.00215	-.00115	-.00289	.01454

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (IVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.299	-1.929	.23788	.05487	.21268	.17857	.29165	.24333	.30025	.22757	.19697	.19531
1.299	.039	.24687	.17485	.21389	.19226	.28525	.23910	.28775	.23619	.23301	.16879
1.301	2.123	.24157	.20094	.20978	.20129	.28252	.24085	.28327	.24767	.25287	.14424
1.300	4.246	.24419	.23330	.19785	.19870	.27608	.23653	.27045	.23757	.28158	.13473
1.299	6.301	.24564	.25392	.19256	.20391	.27012	.22210	.25330	.21975	.28370	.19932
	GRADIENT	.00065	.02705	-.00238	.00334	-.00240	-.00090	-.00455	.00198	.01326	-.00998

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.401	-2.028	.21341	.08762	.20252	.18588	.28567	.22301	.28662	.20550	.17592	.25794
1.399	.076	.22831	.19540	.20550	.19842	.28689	.22741	.28746	.23082	.20725	.23506
1.399	2.205	.23267	.22533	.21178	.21080	.28724	.22776	.28084	.23480	.23861	.21187
1.398	4.281	.24822	.24411	.21666	.22228	.28352	.23871	.27450	.24471	.26068	.18283
1.400	6.338	.24652	.25894	.21212	.23035	.28772	.23826	.27078	.23709	.26776	.15223
	GRADIENT	.00516	.02373	.00231	.00577	-.00029	.00225	-.00204	.00578	.01357	-.01180

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.549	-2.124	.22215	.11898	.20388	.17959	.28906	.22147	.28436	.16611	.21110	.32178
1.550	-.045	.22880	.17531	.21306	.20818	.28158	.22390	.27200	.21846	.20287	.30259
1.549	2.045	.22910	.24207	.22297	.22199	.28367	.22937	.25508	.23312	.21171	.27589
1.549	4.167	.22355	.22620	.21348	.21663	.27833	.23769	.27316	.23585	.22633	.24344
1.550	6.159	.22765	.22331	.21294	.20637	.27164	.22834	.26192	.23294	.22556	.20725
	GRADIENT	.00021	.01849	.00184	.00594	-.00144	.00258	-.00239	.01066	.00261	-.01249

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	8.038	.23660	.25364	.20846	.20295	.27880	.21527	.26430	.21176	.26330	.27026
1.300	11.908	.20968	.23071	.20060	.19633	.27251	.20607	.25594	.20110	.23807	.27244
1.299	15.903	.16472	.18760	.16884	.17664	.24922	.18293	.23047	.18083	.20953	.26275
1.299	17.967	.14897	.17173	.15163	.16146	.21991	.16003	.20015	.15609	.19914	.25290
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.319	7.955	.23598	.25425	.18509	.21364	.26620	.22363	.24881	.21936	.27466	.24797
1.319	11.997	.19027	.22810	.17369	.20997	.27221	.22113	.25617	.21772	.22995	.25819
1.320	16.006	.17399	.19375	.15764	.18949	.23247	.19342	.21370	.19212	.21786	.25646
1.320	18.010	.15153	.17974	.15246	.17260	.20945	.16771	.19141	.15910	.20432	.24112
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.340	7.977	.24452	.26072	.20474	.21756	.27416	.23489	.25666	.22864	.27416	.23645
1.340	12.002	.19766	.21480	.17945	.19217	.25848	.21896	.24260	.21749	.23607	.25487
1.337	16.034	.16857	.18150	.16787	.19191	.24505	.20340	.22817	.20316	.21294	.23885
1.335	18.010	.15969	.17836	.16148	.17774	.20840	.17019	.19279	.16178	.20568	.24068
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.360	7.980	.24398	.25992	.20015	.22161	.27473	.24421	.25759	.23875	.26472	.21018
1.360	11.974	.21008	.22618	.19080	.20775	.27182	.22202	.25719	.21978	.23052	.26380
1.360	16.056	.17536	.18339	.16396	.18535	.23570	.20055	.22583	.20165	.22182	.25091
1.361	17.986	.15630	.17073	.15827	.18245	.21860	.18083	.20121	.17197	.20393	.23314
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.378	7.985	.23829	.25595	.20382	.22347	.27839	.24043	.26528	.23631	.26972	.17291
1.380	11.946	.20048	.23938	.16520	.21342	.28907	.23009	.27255	.22787	.23674	.26204
1.381	16.045	.17359	.18699	.17251	.19088	.24418	.19269	.22941	.19245	.20769	.25339
1.381	17.961	.16109	.17350	.15975	.20130	.21945	.17224	.20049	.16435	.19805	.24359
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.400	7.991	.26003	.23769	.21325	.21819	.27579	.23707	.25885	.23294	.27027	.13387
1.400	11.952	.20453	.21628	.18274	.19753	.27378	.23943	.25615	.23521	.24514	.24251
1.401	16.014	.17178	.18580	.15525	.19063	.23963	.19139	.22759	.19448	.21262	.24785
1.399	17.971	.15311	.17284	.15012	.18824	.21750	.17366	.19855	.16396	.19440	.23885
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.450	7.985	.21765	.24056	.18871	.22631	.26807	.23440	.25407	.23371	.23209	.14924
1.449	11.857	.15962	.22283	.16780	.20523	.26802	.22259	.25229	.22266	.20127	.21451
1.451	16.025	.15873	.18080	.14570	.18009	.22557	.19137	.21310	.19447	.19028	.24899
1.451	18.092	.14581	.17593	.13908	.17704	.19685	.16271	.17540	.14990	.18016	.24350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.201	-1.766	-.21036	-.26557	-.04594	-.03023	.01198	.00338	.00623	.00623	-.06813	-.02662
.201	2.228	-.02837	-.03195	-.04044	-.04826	.03760	.03052	.05963	.04187	.00994	.02839
.201	6.192	-.02931	-.03649	-.03216	-.04433	.05572	.04288	.06721	.04933	.02430	.03430
.201	10.191	-.04687	-.05692	-.04401	-.05689	.05679	.03608	.05325	.04610	.01820	.02249
.200	14.198	-.06206	-.07731	-.06495	-.07438	.03413	.01389	.01605	.00954	-.01000	.00015
.201	18.204	-.09268	-.10485	-.08913	-.09271	.00409	-.01159	-.03652	-.03794	-.04007	-.03147
	GRADIENT	.04557	.05850	.00138	-.00452	.00642	.00679	.01337	.00893	.01955	.01377

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.397	-1.964	-.18667	-.24503	-.03173	-.01680	.02451	.01349	.02175	.02096	-.04159	-.00143
.399	2.089	-.01193	-.02053	-.02206	-.02869	.05503	.04532	.07260	.05389	.02234	.04025
.400	6.076	-.00583	-.01129	-.01127	-.02488	.07263	.05712	.08318	.07656	.04041	.04973
.399	10.062	-.02942	-.03842	-.02903	-.04113	.07030	.04929	.06763	.05749	.03020	.03799
.399	14.055	-.05005	-.05907	-.04849	-.05670	.04857	.02676	.02870	.02324	.00569	.01390
.398	18.049	-.08687	-.09555	-.08373	-.08493	.00715	-.01089	-.03403	-.03324	-.02736	-.02300
	GRADIENT	.04311	.05539	.00239	-.00293	.00753	.00785	.01254	.00812	.01577	.01028

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.599	-1.951	-.23418	-.31624	-.02024	-.01159	.02719	.01680	.02684	.02164	.02061	.04985
.600	2.115	-.00740	-.00931	-.02306	-.02857	.06106	.04887	.05973	.05869	.03425	.05729
.601	6.089	.00781	.01552	-.00728	-.02204	.07637	.05909	.07489	.06459	.04743	.06628
.600	10.078	-.02146	-.02115	-.01974	-.03234	.07612	.05081	.07498	.05945	.03580	.04287
.600	14.086	-.03341	-.03569	-.03738	-.04930	.05130	.02716	.04339	.02889	.01111	.03217
.598	18.076	-.07338	-.07934	-.04841	-.05519	.01006	-.01164	-.02277	-.02658	-.02588	-.01128
	GRADIENT	.05578	.07549	-.00069	-.00418	.00833	.00789	.00809	.00911	.00336	.00183

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.699	-1.936	-.21096	-.30462	-.01313	-.00432	.03574	.02569	.03919	.02776	.03285	.06711
.702	2.061	.00893	-.00190	-.01037	-.01572	.07446	.05644	.07152	.06425	.05316	.07051
.703	6.114	.02904	.02836	.00561	-.01002	.08763	.06782	.08320	.07414	.06578	.07794
.701	10.066	.01617	.01012	-.00398	-.01981	.08737	.06092	.07866	.06396	.05874	.06763
.700	14.084	-.01293	-.02092	-.02804	-.04276	.06234	.03750	.04713	.03420	.03214	.04354
.697	18.070	-.06434	-.06688	-.06130	-.06090	.02087	-.00403	-.01927	-.02245	-.01442	.00055
	GRADIENT	.05502	.07575	.00069	-.00285	.00969	.00769	.00809	.00913	.00508	.00085

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.801	-1.983	-.16960	-.30308	.00560	.01642	.05669	.04693	.06399	.04924	.05465	.08938
.800	1.919	.03199	.01486	.01370	.00757	.09662	.07516	.09406	.08502	.07517	.09306
.800	5.912	.05168	.04845	.02806	.01022	.10903	.08815	.10672	.09582	.08886	.09993
.800	9.967	.04147	.03777	.02226	.00583	.11127	.08520	.10179	.08812	.08221	.09200
.800	13.967	.01321	.00660	-.00126	-.01703	.08822	.06128	.07139	.05748	.05631	.06914
.799	18.030	-.03715	-.03730	-.03820	-.03925	.04521	.01773	.00472	-.00108	.01064	.02678
	GRADIENT	.05167	.08149	.00208	-.00087	.01023	.00723	.00771	.00917	.00526	.00094

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.900	-1.953	-.10141	-.23685	.05136	.06285	.11060	.09920	.11835	.10259	.10543	.13714
.900	1.965	.08357	.06663	.06356	.05747	.14613	.12430	.14438	.13349	.12352	.14131
.900	5.944	.09936	.09666	.07625	.05973	.15793	.13686	.15660	.14564	.13569	.14837
.900	9.984	.08897	.08638	.07122	.05458	.15977	.13311	.15032	.13549	.12939	.14056
.900	13.992	.06133	.05718	.04670	.03126	.13630	.10775	.11939	.10444	.10321	.11706
.900	17.996	.01134	.01245	.00809	.00616	.09152	.06040	.05270	.04426	.05929	.07642
	GRADIENT	.04722	.07747	.00311	-.00137	.00907	.00641	.00664	.00789	.00462	.00106

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.950	-1.973	-.05462	-.19232	.09201	.09973	.15149	.13967	.16189	.14270	.14510	.17262
.950	1.989	.12341	.10595	.10465	.09669	.18627	.16353	.18593	.17244	.16203	.17856
.950	6.006	.13664	.13372	.11456	.09617	.19598	.17376	.19410	.18174	.17217	.18400
.950	9.980	.12449	.12195	.10669	.09006	.19516	.16750	.18635	.17151	.16379	.17475
.950	14.007	.09434	.09092	.08020	.06434	.16980	.14002	.15259	.13603	.13611	.14948
.950	17.985	.04466	.04698	.03915	.03907	.12217	.08920	.08238	.07350	.09172	.10844
	GRADIENT	.04493	.07528	.00319	-.00077	.00878	.00602	.00607	.00751	.00427	.00150

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.980	-2.021	-.02640	-.16560	.11663	.12283	.17743	.16474	.18786	.16724	.16966	.19490
.979	2.041	.14829	.13083	.12871	.11927	.21042	.18679	.20994	.19558	.18516	.20067
.980	6.025	.15894	.15620	.13692	.11840	.21825	.19594	.21675	.20389	.19365	.20569
.980	9.998	.14484	.14210	.12724	.10965	.21640	.18811	.20750	.19155	.18395	.19496
.980	14.003	.11408	.10898	.10059	.08205	.18908	.15765	.17113	.15368	.15582	.16799
.980	18.003	.06262	.06498	.05625	.05514	.13816	.10400	.09870	.08802	.10955	.12670
	GRADIENT	.04301	.07298	.00297	-.00088	.00812	.00543	.00544	.00698	.00382	.00142

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.050	-1.995	.06273	-.07812	.18162	.18827	.24388	.23283	.25525	.23598	.23546	.26123
1.049	2.060	.21345	.20012	.19331	.18051	.27297	.24920	.27313	.25710	.24917	.26213
1.049	6.072	.21675	.21527	.19611	.17631	.27555	.25208	.27335	.25999	.25256	.26441
1.050	10.045	.19792	.19683	.18077	.16247	.26808	.23863	.25616	.24267	.23880	.25006
1.050	14.074	.16176	.16036	.14570	.12955	.23226	.20129	.21372	.19575	.20589	.22092
1.049	18.029	.11098	.11518	.09073	.09342	.16775	.12372	.12200	.10539	.16170	.17818
	GRADIENT	.03717	.06862	.00288	-.00191	.00717	.00404	.00441	.00521	.00338	.00022

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.100	-2.011	.12614	-.00940	.23243	.24280	.29799	.28821	.30833	.29043	.28362	.31158
1.099	2.052	.26131	.25122	.24165	.23320	.32260	.30148	.32236	.30839	.29451	.31071
1.100	6.005	.26167	.26276	.24259	.22547	.32208	.30126	.32022	.30845	.29572	.31058
1.100	10.024	.24057	.24126	.22519	.20880	.31309	.28574	.30395	.28949	.28010	.29383
1.100	14.083	.20208	.20409	.18726	.17363	.27487	.24546	.25697	.24040	.24640	.26428
1.100	18.076	.15848	.16659	.13476	.14215	.19580	.13945	.14277	.11673	.20826	.22962
	GRADIENT	.03327	.06415	.00227	-.00236	.00606	.00327	.00345	.00442	.00268	-.00021

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.148	-1.987	.15140	.02548	.23619	.24526	.30788	.30059	.32012	.30230	.28998	.31442
1.149	2.086	.26584	.26393	.24673	.23689	.33252	.31144	.33110	.31763	.29680	.31616
1.151	6.046	.25757	.26410	.24070	.22406	.32452	.30374	.32115	.30990	.29215	.31344
1.151	10.040	.22896	.23559	.21324	.19774	.30582	.27668	.29552	.27995	.27220	.29311
1.150	14.088	.20279	.21111	.17277	.16786	.24716	.18759	.22230	.18114	.25117	.27495
1.150	18.062	.18073	.19451	.14609	.16474	.20868	.15038	.16545	.13292	.22651	.25398
	GRADIENT	.02810	.05855	.00259	-.00206	.00605	.00266	.00270	.00376	.00167	.00043

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.200	-1.998	.18607	.07311	.22504	.23602	.30992	.30144	.32318	.30265	.28577	.25244
1.200	2.045	.25232	.26695	.23125	.21826	.32517	.30000	.32388	.30350	.28450	.30844
1.199	6.060	.22976	.25423	.21700	.20318	.31081	.27534	.30467	.27445	.27260	.31413
1.199	10.055	.22165	.23563	.18455	.18486	.28068	.22521	.26564	.22375	.27160	.30457
1.200	14.080	.21364	.23054	.17266	.17826	.25267	.19748	.22789	.18734	.26135	.30248
1.200	18.036	.16084	.17580	.16586	.17556	.22215	.17489	.18565	.15853	.20150	.25434
	GRADIENT	.01638	.04793	.00154	-.00439	.00377	-.00035	.00017	.00021	-.00031	.01385

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	-1.999	.22017	.08819	.20442	.19209	.27755	.23989	.29166	.23438	.14860	.21129
1.300	2.014	.24362	.22982	.20604	.20087	.28559	.23096	.27931	.23618	.25799	.15846
1.300	5.962	.23675	.25581	.20132	.19933	.28054	.22362	.26624	.21985	.27140	.19931
1.300	9.980	.22858	.24878	.21041	.20292	.28182	.21563	.26365	.21030	.26573	.28358
1.300	14.018	.18928	.20910	.18493	.18825	.28158	.20088	.24905	.19506	.22579	.27017
1.300	18.041	.14730	.17125	.15107	.16318	.21744	.15947	.19656	.15577	.19884	.25354
	GRADIENT	.00594	.03580	.00040	.00218	.00600	-.00223	-.00308	.00045	.02726	-.01317

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.9100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.550	-1.888	.22888	.11852	.20183	.17259	.26366	.21435	.26625	.17051	.21696	.31137
1.550	2.047	.25541	.20673	.22025	.21332	.27303	.22436	.24646	.22477	.24662	.25795
1.550	6.027	.25091	.20556	.22575	.21396	.27722	.24299	.26945	.24372	.27299	.19153
1.549	10.107	.22793	.20849	.18618	.19552	.26270	.22212	.25195	.22538	.25359	.13128
1.550	14.069	.19641	.20917	.16752	.18865	.23902	.19262	.23175	.19692	.23972	.17157
1.549	18.098	.17983	.18711	.16484	.18293	.20934	.16727	.18278	.15011	.22839	.22854
	GRADIENT	.00674	.02241	.00468	.01035	.00238	.00255	-.00503	.01379	.00754	-.01358

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.219	8.054	18907	.27277	.15354	.22839	.24999	.27303	.23988	.27294	.24367	.34306
1.219	11.957	.18548	.27235	.14491	.22619	.23224	.24569	.21191	.23744	.24567	.33454
1.220	16.095	.15231	.24254	.14288	.22005	.20893	.21961	.17952	.20860	.18096	.30655
1.218	18.084	.11962	.21050	.12405	.20275	.19163	.20704	.16381	.18822	.15855	.28785
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.240	8.054	.19060	.27854	.14855	.22744	.24004	.26380	.22634	.26235	.23496	.35476
1.240	11.968	.19854	.27256	.15558	.22206	.23572	.24690	.21332	.23728	.24539	.34126
1.238	15.977	.14892	.22810	.13868	.21973	.21210	.22476	.18493	.21499	.18578	.30975
1.239	18.079	.11837	.20237	.12216	.19929	.19054	.20294	.16414	.18844	.16129	.29265
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S PA .2P/S (IVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.260	8.045	.19652	.28675	.14726	.22847	.22088	.24772	.20564	.24288	.23625	.36625
1.259	11.981	.19180	.27791	.15952	.22092	.24151	.23435	.22118	.22775	.22443	.34789
1.258	15.984	.14391	.22237	.14431	.21129	.22266	.22255	.19380	.21601	.17914	.31488
1.258	18.096	.11398	.20403	.12485	.19445	.19959	.19762	.17684	.18624	.15818	.30111
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.280	8.039	.18911	.29890	.15260	.23817	.23550	.25894	.21886	.25449	.21852	.37403
1.280	11.999	.18379	.28550	.15506	.24255	.24105	.25431	.21766	.24725	.21074	.34344
1.280	15.970	.13772	.22787	.13492	.21862	.21772	.23163	.19198	.22534	.17743	.32249
1.279	18.105	.11318	.21185	.11908	.20501	.18896	.20226	.16898	.19373	.15869	.30814
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	8.026	.19569	.30762	.15574	.25158	.23074	.26732	.21496	.26367	.22031	.36882
1.300	11.917	.17605	.29058	.14321	.24947	.23262	.25826	.20698	.25135	.19244	.34665
1.300	15.977	.13105	.23046	.12537	.21846	.21391	.22794	.18858	.22197	.16650	.32671
1.301	18.072	.10745	.21532	.10860	.20746	.18502	.19422	.16830	.18437	.15651	.31197
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.320	8.006	.19286	.30307	.15223	.25639	.23569	.27285	.21928	.26797	.21578	.34291
1.321	12.016	.15728	.28180	.13460	.25004	.23305	.25802	.21431	.25229	.17914	.33614
1.319	15.986	.13132	.23783	.12341	.22396	.20118	.22932	.18629	.22632	.16484	.33075
1.321	18.067	.11337	.22190	.11337	.21451	.18020	.20039	.16549	.18659	.15428	.31504
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.341	8.001	.20412	.30978	.16006	.26237	.23279	.27636	.21722	.27265	.23056	.32582
1.340	12.007	.17283	.28048	.14516	.25355	.22683	.27073	.20945	.26613	.18509	.33544
1.340	15.979	.13254	.24552	.12331	.23287	.20904	.23790	.18915	.23454	.16147	.33526
1.340	18.098	.11163	.22925	.11361	.22362	.19527	.20967	.17189	.19566	.14846	.32073
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (IVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.360	7.994	.21953	.30444	.17098	.26709	.24126	.28264	.22664	.27940	.22592	.29985
1.360	11.935	.16288	.27580	.15125	.25464	.24086	.26813	.22372	.26261	.18267	.32653
1.360	15.984	.13447	.23440	.12579	.22707	.20758	.23581	.19106	.23266	.16420	.31659
1.360	18.040	.11236	.22264	.11160	.22362	.17895	.21193	.16342	.19568	.14887	.30726
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.380	7.981	.19628	.29009	.16819	.25865	.25637	.27484	.23913	.27247	.21164	.26422
1.379	11.967	.16801	.27323	.14768	.25186	.23729	.27080	.21775	.26623	.19183	.32058
1.381	15.941	.12364	.23507	.12983	.23109	.20745	.22562	.19639	.22190	.15816	.30966
1.381	18.045	.10978	.22223	.12504	.21653	.18020	.20419	.16660	.18509	.13671	.30104
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.401	7.957	.19027	.29055	.15918	.25202	.22889	.26274	.21346	.25970	.20197	.23880
1.400	11.908	.18094	.26181	.15467	.24830	.23397	.27347	.21904	.27254	.17471	.31085
1.399	15.912	.13646	.23630	.11952	.23039	.19181	.22728	.18067	.22460	.16886	.30343
1.401	18.020	.11026	.22127	.10729	.22896	.18037	.20611	.17015	.18759	.14366	.29388
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.450	7.958	.19745	.28514	.16291	.25212	.23151	.26662	.21754	.26512	.20341	.22714
1.450	11.985	.14381	.26424	.12547	.23979	.22503	.26047	.20679	.26392	.16689	.30056
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.450	16.008	.11908	.22668	.10523	.22604	.17693	.22867	.16703	.22551	.15276	.29647
1.449	17.954	.10138	.21610	.09603	.22415	.15579	.20462	.14089	.18712	.13724	.29093
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.200	-1.724	-.19118	-.21707	-.05716	-.03919	.00384	.00096	.00165	.01242	-.05715	-.01553
.202	.162	-.06942	-.07795	-.04963	-.04605	.02621	.03400	.03756	.04961	-.00143	.02692
.202	2.150	-.02759	-.03115	-.03471	-.03609	.04177	.03823	.06376	.05454	.01770	.03965
.200	4.102	-.03337	-.03338	-.04058	-.04558	.04633	.03270	.06076	.05068	.01546	.03342
.199	6.155	-.03283	-.03574	-.03504	-.04224	.05247	.04091	.06627	.05975	.02645	.04091
.200	8.172	-.03807	-.04383	-.03523	-.04525	.05872	.04368	.06237	.05661	.02790	.03722
.200	10.191	-.04760	-.05196	-.04548	-.05194	.05840	.03895	.05846	.04979	.02235	.03101
.200	12.186	-.05644	-.05719	-.05074	-.05717	.04993	.03197	.04348	.03340	.01183	.02262
.200	14.194	-.06656	-.07949	-.06733	-.07445	.03010	.00861	.01863	.00931	-.01145	.00360
.199	16.200	-.08638	-.09516	-.08790	-.09004	.00975	-.00993	-.00998	-.01434	-.03179	-.01939
	GRADIENT	.02634	.03057	.00332	-.00046	.00733	.00507	.01043	.00610	.01211	.00815

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.250	-3.986	-.34444	-.38278	-.04245	-.02881	.00072	-.00075	.00067	.00643	-.07341	-.03667
.251	-2.079	-.17987	-.23290	-.03121	-.01693	.02169	.01381	.03597	.03239	-.02909	-.00332
.251	-.007	-.07814	-.11388	-.02607	-.02323	.04240	.03099	.05454	.03670	.01601	.03385
.252	1.932	-.01732	-.02945	-.02586	-.03156	.05164	.04312	.06376	.05237	.02534	.04454
.253	3.917	-.00811	-.01657	-.01513	-.02708	.06136	.04524	.07475	.06491	.03611	.04944
.254	5.951	-.00731	-.01435	-.01502	-.02484	.06902	.05364	.07959	.07608	.04243	.05223
.253	7.977	-.01672	-.02520	-.02165	-.03222	.07266	.05509	.07412	.06708	.04313	.05016
.252	10.002	-.02721	-.03648	-.02863	-.03930	.07150	.04951	.06658	.05947	.03460	.04241
.251	11.976	-.04076	-.05013	-.03717	-.04866	.06245	.04025	.05029	.04527	.02232	.03093
.252	13.990	-.05379	-.06168	-.04666	-.05666	.05024	.02673	.02673	.02388	.00535	.01677
.253	16.030	-.06938	-.07440	-.06018	-.06728	.02898	.01128	.00490	.00703	-.01987	-.00002
	GRADIENT	.04212	.04722	.00302	-.00057	.00763	.00612	.00887	.00690	.01381	.01111

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.399	-1.885	-.16675	-.22968	-.02744	-.01180	.02646	.01943	.02879	.03152	-.01611	.00850
.399	.013	-.05250	-.07895	-.02962	-.02765	.04343	.03567	.05473	.05472	.01585	.03955
.401	1.980	-.01145	-.02073	-.02113	-.02612	.05416	.04490	.07700	.05573	.02637	.04490
.400	3.996	-.00663	-.01053	-.01519	-.02370	.06273	.05035	.08026	.06822	.03600	.04996
.401	5.974	-.00784	-.01211	-.01329	-.02411	.07034	.05488	.08243	.07583	.04249	.05217
.400	8.006	-.01661	-.02557	-.01975	-.03138	.07353	.05412	.07595	.06621	.04130	.04790
.401	10.007	-.02471	-.03285	-.02436	-.03283	.07416	.05332	.07269	.06494	.03710	.04598
.400	12.047	-.04139	-.04764	-.03794	-.04606	.06193	.03980	.05187	.04564	.02309	.03164
.399	14.037	-.04740	-.05950	-.04744	-.05559	.04957	.02621	.03166	.02464	.00711	.01725
.399	16.028	-.06020	-.07191	-.06453	-.07033	.03129	.00948	00827	.00400	-.01156	-.00025
	GRADIENT	.02641	.03627	.00232	-.00171	.00608	.00518	.00898	.00565	.00847	.00657

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.600	-1.874	-.19729	-.30680	-.02618	-.01016	.02769	.01616	.02786	.02114	.02184	.05539
.600	.028	-.02224	-.17398	-.03278	-.00589	.04765	.03492	.04579	.04044	-.00228	.06264
.601	2.030	-.00769	-.00822	-.02145	-.02675	.05855	.04621	.06342	.05568	.02698	.06045
.601	4.126	-.00154	.01392	-.00998	-.02268	.06718	.05517	.07053	.06449	.03850	.06754
.602	6.079	-.00882	-.00215	-.00884	-.02099	.07408	.05800	.07537	.06472	.04361	.05131
.602	8.055	-.01480	-.02235	-.01397	-.02439	.07798	.05558	.07893	.07000	.04274	.04958
.601	10.054	-.01919	-.02608	-.02283	-.03345	.07472	.05053	.07481	.06379	.03576	.04452
.601	12.077	-.02688	-.03376	-.03086	-.04267	.06593	.04073	.05879	.04761	.02425	.03575
.600	14.076	-.02682	-.03509	-.03975	-.04901	.04937	.02667	.03959	.03063	.02013	.03390
.600	16.039	-.04940	-.06079	-.05048	-.05598	.03321	.00894	.01288	.01236	.00033	.01376
	GRADIENT	.02967	.05611	.00304	-.00292	.00644	.00639	.00725	.00724	.00405	.00171

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.700	-2.035	-.20984	-.32761	-.01914	-.00389	.03404	.02296	.03544	.02767	.03058	.06256
.699	.139	-.02437	-.14698	-.01916	-.00218	.05805	.04180	.05742	.04927	.03615	.07034
.700	2.072	.01466	-.00501	-.01272	-.01519	.07004	.05494	.07192	.06406	.04684	.07130
.701	4.008	.02195	.02675	-.00413	-.01263	.08010	.06380	.08048	.07442	.05736	.07738
.701	6.043	.00971	.02565	.00214	-.01063	.08401	.06714	.08550	.07516	.05410	.08006
.701	8.045	.00148	.02029	-.00211	-.01281	.08908	.06618	.08921	.07131	.05451	.07771
.701	10.045	-.00437	.00797	-.01083	-.01794	.08665	.06200	.08498	.06533	.04665	.05939
.699	12.024	-.01501	.00015	-.02028	-.02881	.08012	.05064	.07236	.05329	.03740	.05960
.699	14.070	-.01376	-.01970	-.02868	-.04162	.06304	.03796	.04903	.03480	.03259	.04513
.698	16.050	-.03716	-.04161	-.04798	-.05182	.04530	.01920	.01767	.01781	.01173	.02749
	GRADIENT	.03717	.06041	.00253	-.00194	.00753	.00679	.00749	00776	.00452	.00228

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.800	-3.954	-.35812	-.41830	-.02400	-.01233	.02794	.02262	.03732	.02690	.01741	.06194
.800	-1.973	-.18171	-.31337	.00204	.01672	.05694	.04563	.06173	.04842	.04957	.08920
.800	-.059	.00985	-.13708	.00522	.01669	.07540	.05934	.07988	.06898	.05634	.09234
.800	1.946	.02967	.01400	.01169	.00762	.09515	.07398	.09328	.08457	.07284	.09333
.800	3.976	.04856	.04625	.02145	.00778	.10212	.08354	.10281	.09330	.06286	.09787
.799	6.001	.05194	.04894	.02724	.01089	.10834	.08673	.10660	.09662	.08826	.10107
.800	7.989	.04923	.04287	.02862	.01009	.11202	.08825	.10624	.09291	.08873	.10118
.800	9.976	.03975	.03744	.02273	.00558	.11138	.08493	.10142	.08901	.08344	.09451
.800	12.010	.01878	.02654	.00917	-.00461	.10603	.07367	.09525	.07439	.07149	.08280
.800	14.004	.01287	.00742	-.00033	-.01737	.08926	.06013	.07243	.05701	.05655	.07007
.800	15.992	-.01033	-.01349	-.02089	-.03006	.07149	.04196	.04162	.03895	.03768	.05192
	GRADIENT	.05160	.06341	.00508	.00156	.00942	.00759	.00821	.00853	.00779	.00383

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.850	-4.019	-.32327	-.39336	-.00786	.00559	.04831	.04295	.05987	.04726	.03757	.08340
.849	-2.012	-.14615	-.28694	.02034	.03512	.07723	.06639	.08346	.06964	.06856	.11067
.850	-.045	.03510	-.10497	.02722	.03586	.09623	.08043	.10098	.08920	.07721	.11256
.850	1.982	.05337	.03945	.03263	.02777	.11562	.09431	.11424	.10332	.09293	.11296
.850	3.930	.06828	.06691	.04189	.02853	.12240	.10341	.12254	.11304	.10258	.11824
.850	5.964	.07123	.06888	.04675	.03122	.12850	.10692	.12660	.11624	.10835	.12133
.850	7.991	.06845	.06545	.04751	.03046	.13182	.10806	.12614	.11317	.10776	.11989
.850	9.991	.05935	.05905	.04296	.02593	.13161	.10410	.12163	.10813	.10262	.11344
.850	12.013	.03575	.04653	.02745	.01485	.12569	.09186	.11538	.09232	.09091	.10195
.849	14.018	.03296	.02745	.01839	.00177	.10723	.07903	.09029	.07571	.07560	.08904
.850	16.010	.00961	.00755	-.00259	-.01211	.08961	.05931	.05890	.05425	.05662	.07085
	GRADIENT	.04942	.06272	.00562	.00194	.00939	.00749	.00785	.00831	.00777	.00362

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.899	-1.933	-.09898	-.23911	.05021	.06373	.10750	.09752	.11720	.10211	.09885	.13752
.900	-.054	.06303	-.07354	.05863	.06474	.12849	.11070	.13382	.11832	.10841	.14099
.900	1.933	.08074	.06780	.06268	.05825	.14555	.12514	.14549	.13490	.12336	.14311
.900	3.933	.09747	.09438	.07163	.05748	.15294	.13357	.15259	.14262	.13410	.14780
.900	5.933	.10007	.09728	.07634	.06038	.15803	.13737	.15639	.14581	.13920	.15079
.899	7.938	.09597	.09449	.07562	.05984	.16004	.13644	.15539	.14308	.13797	.14837
.900	9.976	.08927	.08768	.07265	.05528	.15869	.13240	.15012	.13603	.13193	.14182
.900	11.997	.07692	.07524	.06181	.04425	.15244	.12105	.13724	.12245	.12147	.13116
.900	14.015	.06059	.05759	.04707	.03162	.13620	.10731	.11736	.10448	.10522	.11863
.900	15.994	.03896	.03867	.02702	.01738	.11802	.08495	.08754	.07908	.08587	.09950
.900	18.001	.01307	.01327	.00815	.00775	.09119	.06013	.05274	.04600	.06144	.07858
	GRADIENT	.03073	.05809	.00349	-.00129	.00781	.00625	.00600	.00704	.00617	.00168

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.950	-3.991	-.22518	-.29885	.06127	.07484	.12735	.11908	.14203	.12508	.10438	.14989
.950	-2.011	-.06216	-.17878	.09091	.09814	.15189	.13901	.16131	.14263	.13260	.17089
.950	.026	.10392	-.02444	.09988	.10345	.16934	.15207	.17648	.16136	.14327	.17863
.951	1.927	.12247	.10550	.10430	.09740	.18616	.16342	.18610	.17310	.15818	.17931
.950	3.960	.13566	.13390	.11067	.09530	.19137	.17133	.19210	.17996	.16763	.18376
.950	5.989	.13748	.13494	.11421	.09683	.19635	.17382	.19448	.18254	.17242	.18538
.950	7.985	.13317	.12996	.11277	.09450	.19750	.17253	.19341	.17876	.17066	.18247
.949	9.968	.12466	.12253	.10704	.08943	.19546	.16760	.18656	.17190	.16437	.17513
.950	12.032	.10901	.11011	.09477	.07823	.18786	.15481	.17289	.15593	.15254	.16398
.950	14.000	.09498	.09136	.08131	.06467	.17022	.13965	.15291	.13642	.13680	.15066
.950	15.959	.07313	.06988	.05927	.04869	.15116	.11663	.11957	.11070	.11868	.13121
.950	18.010	.04565	.04557	.03899	.03716	.12272	.08688	.08325	.07242	.09347	.10848
	GRADIENT	.04575	.05793	.00566	.00203	.00818	.00650	.00630	.00707	.00766	.00384

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.978	-1.951	-.02725	-.15404	.11546	.12418	.17563	.16426	.18685	.16954	.15646	.19472
.979	.004	.12822	.00076	.12492	.12842	.19490	.17730	.20160	.18511	.16856	.20236
.980	1.929	.14505	.13010	.12845	.12161	.20983	.18808	.20974	.19738	.18225	.20305
.980	3.952	.15915	.15512	.13423	.11848	.21501	.19441	.21558	.20314	.19185	.20638
.980	5.970	.15990	.15595	.13766	.11957	.21895	.19657	.21748	.20494	.19698	.20818
.979	7.957	.15436	.15226	.13552	.11758	.21917	.19378	.21574	.20141	.19513	.20494
.977	9.994	.14380	.14179	.12800	.10957	.21500	.18601	.20669	.19066	.18670	.19514
.980	12.005	.13069	.13054	.11612	.09988	.20650	.17542	.19213	.17660	.17564	.18528
.977	13.977	.11490	.10981	.10060	.08334	.18942	.15600	.17026	.15399	.15994	.16772
.978	16.022	.08980	.08963	.07678	.06660	.16810	.13138	.13563	.12337	.13830	.14814
.978	18.021	.06542	.06395	.05820	.05373	.13965	.10193	.09980	.08648	.11486	.12578
	GRADIENT	.02926	.05368	.00305	-.00122	.00676	.00515	.00480	.00575	.00610	.00182

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.050	-4.011	-.10670	-.18166	.14938	.16233	.22346	.21319	.23914	.21860	.19076	.23774
1.050	-2.006	.05649	-.06918	.18202	.18669	.24542	.23240	.25650	.23605	.21955	.26070
1.050	-.055	.19860	.07743	.18943	.18887	.25874	.23972	.26687	.24869	.22292	.26318
1.050	1.946	.21140	.19729	.19344	.18154	.27303	.24869	.27349	.25688	.24442	.26279
1.050	3.967	.22122	.21847	.19676	.17855	.27465	.25298	.27709	.26275	.25138	.26619
1.050	5.950	.21857	.21612	.19641	.17685	.27557	.25216	.27436	.26113	.25352	.26584
1.050	8.010	.21057	.20752	.19084	.17164	.27436	.24746	.26999	.25397	.24931	.25998
1.050	9.991	.19943	.19722	.18173	.16254	.26849	.23883	.26017	.24337	.24048	.25007
1.050	11.987	.18050	.18157	.16600	.14797	.25713	.22123	.24197	.22191	.22702	.23564
1.050	14.029	.16549	.15955	.14913	.12926	.23473	.20005	.21592	.19580	.20937	.21956
1.049	15.995	.13970	.13533	.11920	.10926	.20933	.17124	.17770	.16253	.18895	.19946
1.050	17.990	.11423	.11428	.09100	.09229	.16933	.12240	.12285	.10354	.16646	.17835
	GRADIENT	.04065	.05352	.00533	.00137	.00652	.00481	.00466	.00548	.00734	.00296

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.101	-1.969	.10801	-.00506	.23892	.24292	.30102	.28824	.31036	.29280	.26503	.30937
1.099	.055	.23615	.14124	.23904	.24383	.31488	.29488	.31959	.30224	.27770	.31342
1.099	2.012	.26451	.24997	.24486	.23531	.31950	.30298	.32488	.31111	.29157	.31298
1.101	4.037	.26593	.26649	.24614	.23021	.32337	.30422	.32569	.31290	.29799	.31515
1.098	6.006	.26334	.26352	.24349	.22666	.32372	.30279	.32298	.31054	.29922	.31394
1.101	8.047	.25452	.25554	.23756	.22104	.32138	.29690	.31742	.30345	.29392	.30664
1.098	10.017	.23820	.24327	.22493	.21042	.31564	.28595	.30915	.29046	.27960	.29610
1.102	12.052	.21252	.22614	.20650	.19408	.30278	.26746	.29005	.26790	.26385	.28062
1.099	14.010	.20491	.20516	.18859	.17418	.27721	.24484	.25666	.24072	.24942	.26453
1.100	16.025	.18137	.18142	.15761	.15246	.25004	.21590	.21465	.20421	.23102	.24697
.100	18.045	.16231	.16527	.13498	.14142	.20035	.13946	.14820	.12054	.21218	.22859
	GRADIENT	.02516	.04621	.00137	-.00233	.00359	.00280	.00257	.00346	.00564	.00085

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-3.934	.00452	-.08324	.21658	.23160	.29298	.28820	.30994	.29269	.21646	.29775
1.150	-1.988	.14629	.03194	.24027	.24625	.30859	.30042	.32190	.30332	.25861	.31465
1.148	.000	.25383	.16261	.24605	.24507	.32049	.30379	.32749	.31151	.26647	.31584
1.150	1.998	.26506	.26380	.24783	.23781	.33177	.31155	.33222	.31848	.28965	.31570
1.150	4.013	.26723	.27117	.24767	.23121	.32778	.31007	.33026	.31780	.29504	.31819
1.150	6.026	.26027	.26433	.24184	.22449	.32474	.30377	.32227	.31064	.29460	.31468
1.149	8.010	.24837	.25204	.23139	.21426	.31771	.29362	.31310	.29897	.28802	.30740
1.149	10.080	.23114	.23655	.21411	.19870	.30571	.27674	.29504	.28021	.27562	.29403
1.150	12.022	.21173	.22130	.18781	.17644	.28596	.24855	.26695	.24577	.26449	.28200
1.146	14.094	.20478	.21040	.17434	.16849	.24735	.19012	.22198	.18525	.25500	.27461
1.147	16.036	.19719	.20083	.15845	.16817	.22903	.16618	.18639	.15861	.24661	.26626
1.149	18.044	.18733	.19271	.14637	.16395	.21399	.14888	.16670	.13203	.23820	.25251
	GRADIENT	.03230	.04726	.00349	-.00048	.00466	.00275	.00256	.00328	.00945	.00210

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.199	-1.874	.21973	.07530	.23328	.24089	.31713	.30490	.32691	.30746	.14565	.26630
1.200	.013	.25802	.20799	.23662	.23444	.32327	.30303	.33121	.30956	.16793	.29151
1.199	2.024	.25903	.26700	.23850	.22245	.32087	.30331	.32746	.30768	.27609	.31415
1.198	4.065	.25454	.26441	.23217	.21377	.31840	.29539	.31909	.30011	.29481	.31829
1.200	5.965	.24372	.25576	.21965	.20398	.31107	.27684	.30585	.27564	.29457	.31594
1.198	8.062	.23095	.24277	.20729	.19745	.30067	.25016	.29200	.25003	.28818	.30779
1.198	10.072	.22985	.23779	.19095	.18671	.28465	.23044	.27295	.22838	.28651	.30380
1.198	12.020	.22814	.23437	.18375	.18368	.26635	.21206	.24625	.20790	.28216	.30019
1.201	13.911	.22358	.23089	.17736	.17919	.25613	.19929	.22770	.19033	.28131	.30185
1.199	16.059	.21847	.21827	.17087	.18250	.24249	.18796	.20552	.17887	.26509	.27434
1.200	18.069	.17868	.17701	.16501	.17553	.23006	.17763	.18980	.16031	.23639	.25568
	GRADIENT	.00522	.03131	-.00009	-.00471	.00005	-.00143	-.00140	-.00122	.02805	.00897

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.301	-2.099	.06050	.07476	.18172	.18815	.28364	.23776	.28005	.23147	.19719	.21719
1.299	-.054	.15729	.20193	.19853	.19798	.28365	.23466	.28170	.23430	.15487	.18719
1.300	1.992	.19203	.22948	.20367	.20063	.28202	.22917	.28627	.23520	.14470	.16334
1.301	3.918	.21710	.24527	.19719	.19559	.27728	.22695	.27188	.22993	.13046	.16519
1.299	6.013	.22841	.25280	.20438	.19848	.28312	.22206	.27086	.21940	.15780	.22023
1.300	7.959	.23758	.25337	.21179	.20085	.27765	.21620	.26472	.21469	.21158	.27351
1.301	9.958	.23225	.24852	.21254	.19998	.28576	.21295	.26941	.20800	.24921	.28534
1.299	12.010	.22688	.22972	.20963	.19610	.27054	.20556	.24984	.20088	.24205	.27278
1.299	14.013	.19997	.20759	.19251	.18622	.26376	.19685	.24423	.19253	.23259	.26840
1.300	15.979	.18121	.18871	.17605	.17455	.24801	.18048	.22304	.17692	.21947	.25988
1.298	18.014	.16884	.16909	.15652	.15703	.22417	.15695	.19965	.15031	.20746	.25147
	GRADIENT	.02519	.02696	.00260	.00126	-.00102	-.00189	-.00096	-.00017	-.01050	-.00900

0A232 AEDC 16T TF431 LA .2P/S RA .2A (IVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.401	-1.978	.08364	.08013	.17743	.18262	.27523	.23371	.25028	.21238	.25097	.25453
1.401	.046	.16773	.18695	.18785	.19343	.28691	.23553	.27622	.23565	.23126	.23291
1.399	1.976	.21059	.21266	.20735	.20488	.28633	.23911	.27758	.24344	.20437	.21195
1.398	3.877	.23198	.22965	.21972	.21282	.28334	.23509	.27686	.23953	.18584	.18674
1.400	5.875	.25155	.24485	.21977	.21299	.28428	.23154	.27210	.23080	.16767	.16132
1.399	7.959	.25901	.24088	.21101	.21485	.28113	.23357	.26544	.23177	.17475	.16175
1.401	9.928	.24478	.23267	.20056	.20815	.28401	.23015	.26676	.22883	.21215	.21161
1.399	11.970	.22265	.21085	.19492	.20115	.27686	.23618	.25994	.23104	.24647	.24725
1.400	13.987	.19974	.20555	.17870	.19891	.26399	.21098	.24868	.20954	.24307	.25762
1.401	15.964	.17859	.18546	.16746	.18801	.24751	.18975	.23107	.19300	.22518	.24466
1.398	17.979	.15309	.16969	.16159	.18516	.22409	.16728	.20179	.15603	.20704	.23626
	GRADIENT	.02512	.02448	.00750	.00524	.00124	.00040	.00421	.00464	-.01140	-.01150

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.550	-3.908	.14701	.04384	.12045	.15030	.23839	.20392	.24937	.17817	.32638	.34468
1.550	-1.938	.15826	.12588	.17580	.17404	.25422	.21174	.23701	.17387	.31404	.31201
1.549	.101	.18236	.16236	.19948	.19825	.26204	.21713	.25161	.21479	.29585	.28497
1.549	2.006	.22266	.20873	.21211	.21289	.27014	.22076	.23196	.22370	.27003	.25802
1.551	4.041	.22816	.21762	.21128	.20995	.27100	.22975	.23715	.23005	.23858	.22775
1.550	6.042	.22267	.20524	.21993	.21257	.27949	.24159	.27047	.24359	.21038	.19164
1.550	8.071	.24013	.21770	.20489	.22145	.27281	.23124	.26344	.23028	.18590	.16419
1.550	10.068	.21832	.20744	.18706	.19513	.26445	.22117	.25572	.22549	.14508	.13295
1.550	12.078	.20910	.20710	.17861	.20165	.25405	.21248	.24669	.21626	.13729	.13920
1.549	14.111	.20582	.20635	.16968	.18937	.23881	.19134	.23014	.19692	.19774	.18324
1.550	16.076	.20090	.19160	.17142	.18361	.22385	.18114	.20618	.17836	.23500	.20958
	GRADIENT	.01141	.02167	.01098	.00797	.00409	.00306	-.00147	.00775	-.01107	-.01451

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.199	-1.834	-.25275	-.14933	-.08710	-.00961	-.03853	.03815	-.04300	.06570	-.09143	.01065
.201	.185	-.10126	-.03930	-.08066	.00134	-.00862	.06832	-.00941	.07834	-.03574	.07117
.201	2.159	-.07827	.00467	-.07832	-.00534	-.00246	.06618	.01181	.08627	-.03110	.07619
.200	4.155	-.06308	.01714	-.06314	.00496	.01500	.07732	.03003	.10103	-.01296	.08591
.200	6.093	-.07271	.00993	-.07061	-.00157	.02000	.07822	.03150	.09410	-.01236	.08109
.200	7.827	-.07893	-.00182	-.07394	-.00902	.02630	.07749	.02919	.08836	-.01047	.08037
.200	9.847	-.08316	-.01674	-.07383	-.01962	.02804	.06776	.03310	.07502	-.01386	.06847
.200	11.799	-.08352	-.02508	-.08286	-.02507	.02473	.05721	.02111	.06085	-.02003	.05865
.200	13.699	-.08038	-.04575	-.09200	-.03996	.00842	.03729	.00043	.03513	-.03276	.03585
.199	15.718	-.10453	-.06109	-.10823	-.05744	-.00380	.01720	-.01911	.01065	-.05457	.01647
	GRADIENT	.02974	.02728	.00372	.00186	.00837	.00580	.01206	.00571	.01206	.01160

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.252	-2.013	-.21973	-.17722	-.06628	.02252	-.01367	.05378	-.01871	.06800	-.05636	.03460
.252	.002	-.11388	-.05710	-.06557	.01541	.00124	.07367	.01327	.08364	-.02723	.08075
.252	1.995	-.06029	.02187	-.06170	.01125	.01127	.08137	.01974	.09557	-.01710	.08914
.252	3.987	-.05288	.02890	-.05572	.01467	.02180	.08650	.02961	.10929	-.00738	.09358
.251	6.020	-.05448	.03091	-.05663	.01440	.02876	.08975	.03378	.11418	-.00426	.09547
.250	7.934	-.06094	.01942	-.05950	.01010	.03737	.09190	.04024	.10342	-.00067	.09547
.250	9.843	-.06928	.00058	-.06640	-.00373	.04022	.08057	.03519	.08348	-.00518	.08271
.251	11.909	-.08018	-.01498	-.07158	-.01353	.03380	.06964	.02519	.06894	-.01425	.06963
.251	13.898	-.08968	-.02974	-.08111	-.02472	.02171	.05383	.00383	.04955	-.02901	.05096
.252	15.921	-.10038	-.05354	-.09257	-.04073	.00478	.03530	-.01872	.01896	-.04642	.02678
	GRADIENT	.02775	.03491	.00178	-.00139	.00583	.00530	.00758	.00679	.00786	.00928

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.400	-1.936	-.23055	-.13698	-.06811	.02055	-.01347	.06196	-.02365	.09065	-.05842	.04145
.401	.022	-.09044	-.03370	-.06926	.01344	-.00045	.07640	.00065	.09036	-.02830	.08219
.401	2.016	-.05680	.02582	-.06110	.01192	.01309	.08297	.03045	.09848	-.01860	.08683
.401	4.002	-.05058	.03311	-.05371	.01614	.02463	.08712	.03659	.10841	-.00779	.09290
.402	5.965	-.05139	.03105	-.05337	.01448	.03298	.09116	.04301	.11436	-.00055	.09385
.400	7.900	-.05720	.01988	-.05647	.01059	.04119	.09156	.04430	.10403	.00205	.09155
.399	9.957	-.06630	.00257	-.06168	-.00171	.04110	.08080	.04306	.08747	-.00328	.08002
.399	11.860	-.07625	-.00943	-.06308	-.00581	.04013	.07245	.03624	.07405	-.00621	.07284
.398	13.838	-.06489	-.02375	-.07279	-.01943	.02649	.05544	.01975	.05154	-.01435	.05348
.398	15.862	-.08919	-.04251	-.09319	-.03896	.01051	.03326	-.00920	.02343	-.03938	.03051
	GRADIENT	.02890	.02873	.00260	-.00074	.00946	.00414	.01062	.00310	.00815	.00801

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.600	-1.926	-.23215	-.31212	-.06596	.04492	-.01805	.06317	-.02504	.07078	-.02618	.10998
.600	.080	-.06096	-.09268	-.07169	.03096	.00378	.07608	-.00214	.09077	-.03534	.10534
.601	2.085	-.05273	.04797	-.06344	.01462	.02030	.08767	.01460	.09994	-.01650	.09608
.601	4.085	-.04570	.03883	-.05209	.01671	.02665	.09216	.02905	.10286	-.00714	.09369
.601	7.998	-.05640	.02493	-.05061	.01755	.04071	.09581	.03971	.10842	.00262	.09392
.601	10.061	-.05808	.01324	-.05710	.00689	.04366	.08424	.04369	.09410	-.00258	.08544
.601	11.884	-.06498	.00946	-.06503	-.00154	.03800	.07275	.03389	.07847	-.00138	.07756
.601	13.886	-.05877	-.00189	-.07138	-.00824	.02219	.05623	.01219	.05987	-.01461	.06878
.600	15.897	-.08250	-.02983	-.08842	-.02327	.00447	.03563	-.01076	.03012	-.03414	.04734
.598	17.853	-.10401	-.04957	-.09336	-.02777	-.01409	.01304	-.03911	-.00948	-.05616	.02255
	GRADIENT	.02834	.05958	.00249	-.00504	.00752	.00492	.00893	.00526	.00379	-.00290

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.698	-1.959	-.21946	-.26140	-.05930	.04157	-.01283	.07100	-.01609	.08030	-.01936	.11132
.700	.082	-.05287	-.08270	-.06033	.04023	.01332	.08542	.00890	.09951	-.00881	.11673
.700	2.041	-.03677	.05001	-.05539	.02635	.02869	.09830	.02401	.10993	-.01479	.11713
.701	4.095	-.02260	.07119	-.04582	.03032	.03991	.10287	.03650	.11557	.01606	.12205
.701	6.090	-.02419	.06918	-.04139	.03238	.04637	.10639	.03967	.11500	.01301	.12479
.702	7.969	-.03217	.06333	-.04070	.03291	.05125	.10759	.04636	.11466	.01550	.12238
.702	10.040	-.03508	.03032	-.04552	.01910	.05466	.09601	.04855	.10594	.00896	.09805
.700	11.880	-.05276	.03778	-.05542	.00984	.04960	.08347	.04510	.08779	.01245	.09929
.700	13.862	-.04718	.01523	-.06180	-.00539	.03323	.06678	.02072	.06462	-.00266	.08231
.700	15.800	-.06938	-.01060	-.08016	-.01898	.01908	.04597	-.00405	.03667	-.02146	.06029
.700	17.910	-.09504	-.03601	-.09565	-.03118	-.00569	.02237	-.03774	-.00340	-.04676	.03407
	GRADIENT	.03019	.05613	.00226	-.00235	.00863	.00539	.00859	.00578	.00501	.00162

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6600 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.800	-3.939	-.34373	-.36743	-.05975	.03869	-.02489	.07351	-.01709	.08291	-.03779	.11442
.800	-2.045	-.21632	-.23910	-.03951	.06091	.00914	.09213	.00784	.10203	-.00226	.13387
.800	.000	-.03194	-.06280	-.03715	.06014	.03198	.10437	.03164	.11831	.01021	.13953
.799	1.978	-.01874	.07072	-.02801	.04892	.04994	.11819	.04615	.13087	.02412	.13888
.800	3.989	.00221	.09206	-.02283	.05228	.06209	.12401	.05773	.13680	.03593	.14354
.800	6.006	.00595	.09464	-.01604	.05537	.06598	.12770	.06291	.13828	.04067	.14790
.800	7.947	.00420	.09899	-.01525	.05770	.07086	.13088	.06327	.13683	.04149	.14622
.800	10.017	.00029	.07726	-.01533	.04681	.07672	.12109	.06545	.13039	.04253	.13770
.800	11.941	-.01714	.06658	-.02743	.03639	.07380	.10806	.06473	.10717	.03188	.12501
.800	13.904	-.02214	.04553	-.03567	.02250	.05752	.09317	.04368	.08880	.01869	.10932
.800	15.895	-.04397	.02158	-.05472	.00516	.04260	.07141	.01868	.05998	.00088	.08756
.798	17.981	-.07070	-.00599	-.07081	-.00656	.01751	.04458	-.01576	.02006	-.02412	.06176
.798	18.963	-.08426	-.01982	-.07498	-.00381	.00422	.03284	-.03374	.00141	-.03825	.04755
	GRADIENT	.04469	.06178	.00428	.00074	.01078	.00638	.00945	.00686	.00872	.00317

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.849	-3.974	-.31726	-.33742	-.04308	.05555	-.00400	.09319	.00660	.10397	-.01988	.13394
.850	-2.002	-.18144	-.20179	-.01979	.07718	.03282	.11290	.03316	.12349	.01755	.15234
.851	-.034	-.01076	-.03722	-.01604	.07900	.05308	.12462	.05398	.13923	.02948	.15940
.851	1.965	.00249	.09306	-.00708	.06959	.07094	.13829	.06832	.15028	.04443	.15920
.850	3.993	.02162	.11015	-.00287	.07062	.08167	.14301	.07787	.15570	.05498	.16324
.850	5.964	.02625	.11351	.00340	.07466	.08721	.14742	.08299	.15729	.06054	.16730
.849	7.944	.02411	.11084	.00424	.07647	.09076	.14976	.08491	.15651	.06104	.16913
.849	10.033	.02130	.09863	.00425	.06632	.09604	.13993	.08567	.14700	.06071	.15671
.850	11.921	.00975	.08660	-.00428	.05614	.09233	.12767	.07742	.12620	.05205	.14466
.850	13.923	-.00313	.06625	-.01664	.04203	.07688	.11128	.06236	.10678	.03825	.12917
.850	15.908	-.02398	.04344	-.03489	.02420	.06252	.08924	.03717	.07662	.02118	.10757
.849	17.942	-.04971	.01580	-.05241	.01170	.03619	.06232	.00381	.03836	-.00288	.08215
	GRADIENT	.04319	.05972	.00467	.00112	.01051	.00628	.00892	.00654	.00886	.00328

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.900	-3.941	-.27608	-.28691	-.01099	.08232	.03123	.12515	.04445	.13718	.00799	.15971
.900	-2.084	-.15326	-.17244	.00913	.10419	.06437	.14231	.06616	.15342	.04291	.18018
.900	-.046	.01552	-.00684	.01440	.10751	.08419	.15450	.08611	.16817	.05583	.18732
.900	1.976	.03409	.12121	.02404	.09945	.10221	.16681	.10009	.17926	.07256	.18714
.900	3.982	.05228	.13705	.02932	.09820	.11344	.17172	.11012	.18347	.08399	.19024
.899	5.913	.05410	.14067	.03239	.10160	.11576	.17392	.11222	.18429	.08662	.19372
.900	7.882	.05412	.14027	.03522	.10455	.12121	.17750	.11576	.18489	.08921	.19562
.900	10.011	.05043	.12793	.03389	.09520	.12524	.16847	.11605	.17198	.08750	.18443
.900	11.896	.03887	.11566	.02455	.08487	.12111	.15561	.10693	.15455	.07827	.17240
.900	13.993	.02455	.09478	.01136	.06980	.10471	.13856	.09001	.13323	.06392	.15686
.900	15.923	.00365	.07259	-.00732	.05237	.08966	.11611	.06416	.10264	.04770	.13615
.900	17.912	-.01929	.04709	-.02385	.04018	.06440	.08879	.03308	.06648	.02617	.11229
	GRADIENT	.04226	.05730	.00478	.00132	.01013	.00590	.00829	.00594	.00909	.00339

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.950	-4.053	-.23477	-.23914	.02779	.12049	.07649	.16710	.08945	.17947	.04356	.19644
.949	-1.984	-.09907	-.11852	.05026	.14419	.10794	.18446	.11114	.19581	.08065	.21869
.949	-.008	.05704	.03543	.05713	.14602	.12641	.19395	.13023	.20744	.09527	.22416
.951	2.023	.07497	.16078	.06527	.13738	.14282	.20540	.14174	.21750	.11124	.22386
.950	3.944	.09124	.17563	.06903	.13654	.15246	.20987	.14870	.22158	.12136	.22708
.950	6.031	.09339	.17793	.07252	.13082	.15522	.21257	.15262	.22257	.12526	.22989
.950	7.948	.09128	.17470	.07317	.13919	.15870	.21190	.15330	.21921	.12629	.22906
.951	9.957	.08513	.16574	.06983	.13230	.16092	.20608	.15207	.20924	.12269	.22062
.950	11.951	.07372	.14852	.06084	.11697	.15650	.18794	.14333	.18647	.11400	.20400
.949	13.882	.05894	.12987	.04651	.10283	.13925	.17175	.12485	.16632	.09850	.18951
.950	15.961	.03646	.10684	.02471	.08532	.12125	.14716	.09556	.13324	.08070	.16810
.950	17.916	.01289	.07982	.00732	.07124	.09529	.11727	.06357	.09529	.05865	.14298
	GRADIENT	.04143	.05555	.00489	.00129	.00936	.00534	.00747	.00531	.00933	.00334

DATE 13 FEB 80 OA232 (AEDC 16T TF431) (IVR012) (26 JUL 78)

OA232 AEDC 16T TF431 LA .2P/S RA .2A

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.976	-2.013	-.06833	-.09915	.07626	.16457	.13345	.20558	.13873	.21522	.10555	.23672
.979	.038	.08778	.06548	.08531	.17000	.15282	.21830	.15578	.23115	.12149	.24608
.979	1.975	.09955	.18256	.08965	.16109	.16927	.22905	.16649	.24050	.13532	.24620
.979	3.999	.11588	.19602	.09425	.15915	.17636	.23312	.17527	.24422	.14831	.24937
.981	6.014	.11697	.19768	.09687	.16023	.17899	.23330	.17651	.24299	.15155	.25045
.980	7.954	.11414	.19488	.09623	.15976	.18182	.23190	.17626	.23985	.15226	.24919
.980	9.914	.10831	.18375	.09316	.15147	.18177	.22344	.17499	.22626	.14779	.23899
.982	12.005	.09585	.16911	.08228	.13787	.17449	.20888	.16257	.20766	.13744	.22544
.980	13.912	.07936	.14900	.06752	.12197	.15992	.19020	.14373	.18494	.12285	.20980
.980	15.939	.05665	.12515	.04490	.10327	.14000	.16362	.11526	.15123	.10273	.18836
.979	17.970	.03097	.09859	.02268	.08794	.11055	.13317	.07664	.11088	.07873	.16449
-	GRADIENT	.02838	.05022	.00292	-.00125	.00727	.00467	.00603	.00483	.00711	.00191

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.049	-4.003	-.12052	-.13026	.11917	.20653	.17560	.25705	.18953	.26879	.12137	.28423
1.050	-1.958	.01813	-.00360	.14191	.22901	.20393	.27378	.20883	.28465	.16752	.30218
1.050	-.003	.15296	.13851	.14763	.23137	.21664	.28136	.22186	.29451	.18084	.30749
1.050	2.027	.16357	.24820	.15391	.22080	.23063	.28879	.23024	.29996	.19696	.30572
1.050	4.028	.17744	.25831	.15546	.21810	.23620	.29051	.23513	.30197	.20589	.30773
1.050	6.044	.17456	.25769	.15433	.21803	.23447	.28983	.23320	.29982	.20660	.30914
1.050	8.002	.16902	.25213	.15138	.21597	.23476	.28748	.23073	.29489	.20554	.30726
1.050	10.020	.15696	.24082	.14169	.20685	.23116	.27745	.22278	.28200	.19662	.29693
1.050	11.946	.14402	.22315	.12942	.18933	.22414	.25717	.21091	.25540	.18718	.27965
1.049	13.924	.12678	.20037	.11236	.16998	.20307	.23445	.18732	.22693	.17019	.26130
1.050	15.950	.10009	.17472	.08241	.14899	.17973	.20416	.14923	.18863	.14999	.23941
1.051	17.949	.07970	.15167	.05291	.12906	.14065	.16105	.10259	.13263	.13184	.21622
	GRADIENT	.03697	.05132	.00422	.00075	.00738	.00409	.00562	.00408	.00991	.00252

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.098	-1.979	.09373	.05372	.19794	.28046	.25579	.32496	.26127	.33405	.20944	.34805
1.101	.040	.19345	.19210	.19779	.28126	.27244	.33155	.27380	.34394	.22720	.35282
1.101	2.035	.21894	.29539	.20186	.27060	.27810	.33756	.28088	.34846	.24311	.35169
1.099	4.029	.22206	.30117	.20476	.26498	.28139	.33764	.28370	.34728	.25208	.35190
1.099	6.084	.21886	.29912	.20149	.26214	.28192	.33461	.28064	.34381	.25249	.35034
1.097	7.996	.21274	.29324	.19680	.25845	.28105	.32946	.27703	.33733	.24918	.34547
1.098	10.037	.20025	.27956	.18732	.24692	.27652	.31692	.26947	.31968	.24076	.33360
1.102	11.854	.18893	.26063	.17583	.22891	.26685	.29680	.25602	.29453	.22974	.31628
1.098	13.940	.16813	.23835	.15526	.20833	.24715	.27264	.22905	.26513	.21321	.29909
1.101	15.878	.14642	.21268	.12366	.18510	.22328	.24076	.19318	.22437	.19704	.27874
1.100	17.905	.13331	.19408	.09838	.17038	.16728	.18633	.12329	.15421	.18354	.25863
1.100	19.879	.15141	.15202	.13836	.14756	.18332	.11671	.12412	.08450	.19857	.20870
	GRADIENT	.02053	.04227	.00122	-.00285	.00412	.00220	.00372	.00221	.00719	.00052

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-3.944	-.02922	-.04034	.18931	.27982	.24686	.33407	.26173	.34371	.12116	.35488
1.149	-1.937	.15560	.09369	.19357	.29186	.26891	.34218	.27608	.35287	.11355	.36106
1.150	.036	.21720	.22439	.20856	.28822	.28188	.34507	.28719	.35731	.21513	.36045
1.150	2.026	.22031	.31074	.21115	.27767	.29330	.35076	.29175	.36026	.24955	.35885
1.150	4.020	.22658	.31000	.20829	.27069	.29112	.34689	.29067	.35618	.25587	.35822
1.149	6.066	.21929	.30368	.20283	.26481	.28655	.33950	.28405	.34810	.25386	.35460
1.150	7.932	.20846	.29196	.19336	.25494	.28235	.32994	.27638	.33567	.24900	.34779
1.149	9.882	.19560	.27360	.17996	.23672	.27519	.30875	.26493	.31149	.24215	.33208
1.149	11.917	.18043	.25544	.14787	.21266	.25910	.27829	.24232	.27282	.23474	.31611
1.148	13.894	.17839	.24277	.13475	.20100	.21351	.24023	.19316	.22482	.22953	.30640
1.150	15.889	.17279	.23080	.12085	.19861	.20185	.20788	.16421	.19185	.22842	.29515
1.150	17.908	.17072	.21713	.11423	.19405	.19108	.17982	.14751	.15798	.22692	.27554
	GRADIENT	.02899	.04614	.00279	-.00163	.00568	.00172	.00370	.00163	.02037	.00023

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.197	-1.990	.09590	.11159	.21829	.28690	.27482	.34732	.28376	.35516	.11278	.35063
1.199	.070	.18070	.24628	.19953	.27898	.27992	.34470	.28515	.35463	.09081	.34865
1.198	2.066	.20872	.30479	.19669	.26407	.28321	.34397	.28564	.35119	.08317	.35010
1.198	4.019	.22116	.29741	.19871	.25270	.28389	.33478	.28324	.34181	.11326	.34897
1.198	6.032	.20821	.28766	.19063	.24066	.27187	.31862	.26385	.32390	.19578	.34531
1.201	7.929	.21028	.27728	.16412	.23089	.25822	.29261	.24739	.29243	.24867	.33982
1.197	10.006	.20855	.26917	.15695	.22242	.24917	.26272	.23667	.25761	.27083	.33210
1.197	11.894	.20624	.26383	.15407	.21913	.23811	.24107	.22023	.23367	.26865	.32536
1.202	13.907	.20474	.25520	.15090	.21469	.22659	.22483	.20412	.21455	.26805	.31701
1.199	15.883	.19434	.24292	.14934	.21228	.21280	.21067	.18?10	.19817	.23244	.29537
1.198	17.907	.15319	.21001	.13968	.20055	.20470	.19532	.16881	.17483	.20876	.27269
	GRADIENT	.02026	.03095	-.00310	-.00586	.00153	-.00191	-.00005	-.00216	-.00038	-.00018

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	-1.965	.01363	.19810	.12824	.24705	.22425	.29350	.20729	.30170	.17085	.24457
1.298	.020	.11323	.28789	.14290	.24614	.23354	.28367	.21882	.29051	.14813	.21786
1.299	1.979	.13742	.30844	.15085	.24729	.23428	.27977	.22563	.28519	.11761	.23650
1.299	4.006	.16107	.30933	.14851	.24543	.23458	.27595	.22293	.27592	.09861	.31002
1.301	6.040	.18161	.30709	.14966	.24461	.23667	.27056	.22184	.26890	.10666	.35600
1.299	7.952	.20594	.30328	.16250	.24758	.23810	.26851	.22334	.26589	.17729	.36201
1.299	9.998	.20297	.29214	.16435	.24093	.23557	.26292	.21906	.25907	.21066	.35827
1.301	11.905	.19289	.27083	.15606	.23544	.23284	.24796	.21331	.24265	.20947	.32833
1.301	13.902	.16550	.24251	.14970	.21811	.22199	.23497	.20230	.22842	.19382	.31844
1.300	15.964	.14233	.21754	.13629	.20394	.21137	.21036	.18728	.20424	.17907	.30019
1.299	17.930	.12073	.19694	.12763	.18730	.19471	.17733	.17783	.16769	.16205	.28857
	GRADIENT	.02345	.01779	.00345	-.00019	.00159	-.00284	.00269	-.00416	-.01243	.01087

OA232 AEDC 16T TF431 LA .2P/S RA .2A (IVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.399	-3.951	.03350	.03915	.10959	.21260	.21345	.28130	.18641	.26277	.25290	.31642
1.399	-2.062	.04731	.13643	.12880	.23418	.23291	.27856	.19209	.27365	.23005	.28570
1.399	-.026	.10557	.23930	.13922	.24396	.24134	.28621	.22007	.28946	.20957	.25931
1.399	2.010	.15740	.26411	.14906	.25085	.24786	.28445	.22581	.29133	.18138	.23488
1.401	4.008	.17500	.28546	.16411	.25188	.23753	.28180	.22172	.28579	.16199	.21551
1.400	6.040	.18433	.30400	.16207	.25848	.23343	.27846	.22109	.27910	.13164	.24553
1.400	8.038	.18866	.31255	.16677	.26721	.23919	.28214	.22854	.27791	.09843	.29749
1.400	10.115	.17877	.28139	.16160	.26044	.24354	.27522	.22873	.26714	.10703	.30328
1.401	11.977	.17128	.25437	.15155	.24476	.24473	.27272	.23215	.26560	.15259	.30951
1.399	13.972	.15620	.25270	.14786	.23515	.23043	.24742	.21764	.24573	.18057	.30891
1.400	15.995	.14289	.24032	.13836	.23041	.21986	.22383	.20397	.22106	.17963	.30011
1.399	18.010	.12480	.21741	.13262	.22226	.20261	.19928	.18647	.18325	.17287	.28032
	GRADIENT	.01970	.03095	.00646	.00474	.00314	.00035	.00522	.00318	-.01153	-.01263

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.550	-3.884	.11967	.09869	-.04517	.20108	.17152	.26476	.20865	.22618	.31304	.35960
1.550	-1.889	.13113	.16659	.13398	.22972	.20479	.26389	.19217	.25924	.30190	.33461
1.550	.100	.13396	.21042	.14589	.24330	.20971	.27504	.18104	.27368	.27143	.31071
1.550	2.143	.16237	.25339	.15984	.24602	.21821	.28422	.19365	.28466	.24034	.28474
1.550	4.161	.17969	.24797	.16532	.24282	.22304	.27215	.16878	.27607	.20670	.25228
1.550	6.194	.16725	.25830	.16504	.26139	.22571	.29403	.18876	.29352	.17173	.22042
1.550	8.107	.17137	.26279	.15223	.25117	.22364	.29173	.21389	.28370	.14973	.20069
1.550	10.075	.15587	.25100	.14194	.22875	.23980	.24965	.22766	.25477	.09752	.19432
1.549	11.895	.15220	.24407	.14236	.21944	.21625	.23907	.21368	.24764	.06587	.23390
1.550	13.923	.14904	.23789	.13184	.21270	.20732	.21857	.20211	.21655	.07648	.28712
1.549	15.882	.14594	.22089	.12177	.21174	.18474	.20684	.16883	.19574	.13173	.29000
1.549	17.875	.13063	.21234	.11560	.21302	.17346	.19445	.14997	.17283	.16264	.28514
	GRADIENT	.00753	.01913	.01320	.00495	.00578	.00174	-.00443	.00621	-.01364	-.01315

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (IVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.700	-1.945	-.17614	-.31616	-.01012	-.00983	.04272	.01769	.04647	.02154	.04342	.05676
.701	.002	-.00416	-.15317	-.01614	-.00623	.06247	.03610	.06130	.04519	.02621	.06634
.702	2.035	.00739	-.00401	-.01102	-.01787	.07419	.05336	.07429	.06177	.04074	.06942
.702	4.113	.01409	.02506	.00200	-.01294	.07964	.06307	.07947	.07355	.04949	.07775
.703	6.181	.01659	.02179	.00370	-.01053	.08736	.06658	.08378	.07238	.05659	.07753
	GRADIENT	.02853	.05783	.00208	-.00104	.00604	.00758	.00553	.00852	.00167	.00326

OA232 AEDC 16T TF431 LA .2A RFN.IS (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.200	-1.708	-.19020	-.27764	-.05368	-.02911	.00488	-.00019	.00123	.00703	-.05512	-.02907
.200	.137	-.06526	-.09254	-.04662	-.04088	.02733	.02230	.03522	.04383	.00291	.02589
.200	2.134	-.03465	-.04044	-.04335	-.04190	.03327	.03039	.05499	.04413	.01015	.03255
.200	4.213	-.03094	-.03233	-.03816	-.04248	.04104	.03530	.05909	.05835	.01874	.03457
.200	6.138	-.03087	-.03447	-.03521	-.04240	.05327	.04106	.06627	.06409	.02452	.03818
.201	8.137	-.03747	-.04387	-.03820	-.04389	.05984	.04423	.05847	.05347	.02860	.04068
.201	10.165	-.04651	-.04937	-.04512	-.05223	.05795	.04163	.05871	.05443	.02101	.03381
.202	12.171	-.05812	-.05179	-.05322	-.05745	.04896	.03066	.04124	.03559	.00951	.02362
.203	14.189	-.06219	-.07199	-.06642	-.07411	.03076	.01330	.01468	.01189	-.00838	.00841
.203	16.176	-.08602	-.09439	-.08884	-.09093	.00945	-.01146	-.01498	-.01356	-.03239	-.00379
	GRADIENT	.02534	.03930	.00251	-.00205	.00574	.00574	.00969	.00772	.01142	.00983

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OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.396	-1.917	-.16785	-.25059	-.03331	-.01391	.02332	.01500	.02410	.02648	-.02737	-.00714
.397	.032	-.05401	-.08276	-.02804	-.02726	.04874	.03419	.05783	.05506	.01528	.03419
.397	1.999	-.01393	-.02654	-.02419	-.02970	.05141	.04237	.06918	.05183	.02308	.03962
.397	4.009	-.00651	-.01163	-.01557	-.02502	.06270	.04895	.07850	.06706	.03440	.04620
.397	6.022	-.00768	-.01436	-.01516	-.02616	.07007	.05282	.08115	.07444	.04065	.04889
.398	8.027	-.01604	-.02429	-.02038	-.03136	.07335	.05416	.07499	.06672	.04005	.04710
.398	10.028	-.02770	-.03437	-.02851	-.03909	.07022	.04831	.06832	.06085	.03420	.04203
.397	12.033	-.04100	-.04455	-.03867	-.04693	.06192	.03876	.05096	.04505	.02226	.03169
.397	14.026	-.05102	-.05732	-.05026	-.05852	.04655	.02414	.02767	.02295	.00603	.01863
.397	16.049	-.06323	-.07386	-.06759	-.07467	.02875	.00517	.00357	.00083	-.01451	.01539
	GRADIENT	.02646	.03904	.00289	-.00180	.00611	.00556	.00882	.00599	.00976	.00835

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.598	-2.039	-.23295	-.37640	-.02682	-.00263	.02329	.01776	.02553	.02225	.02173	.05437
.600	.111	-.01445	-.17191	-.03234	-.00808	.04456	.03442	.04647	.04371	-.00618	.05969
.600	2.039	-.00648	-.01473	-.02315	-.02658	.05844	.04626	.05985	.05623	.02616	.05673
.600	3.993	.00120	.00912	-.01119	-.02547	.06726	.05385	.07212	.06385	.03562	.06159
.600	6.000	-.00290	.01282	-.00929	-.02277	.07480	.05737	.07416	.06517	.04028	.06531
.601	8.000	.00301	.00712	-.01295	-.02427	.07897	.05703	.07113	.05980	.03972	.06149
.600	10.054	-.01747	-.01403	-.02161	-.03334	.07562	.05098	.07446	.05927	.03806	.04029
.599	12.040	-.02655	-.03053	-.02845	-.04279	.06673	.04066	.06176	.05086	.03773	.03531
.599	14.029	-.02545	-.03539	-.03892	-.04893	.05083	.02720	.04015	.03065	.02202	.03272
.599	16.077	-.04863	-.06212	-.04742	-.05744	.03343	.00684	.01442	.01149	.00234	.01340
	GRADIENT	.03610	.06596	.00275	-.00434	.00731	.00602	.00767	.00689	.00355	.00094

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.700	-2.042	-.20467	-.34696	-.01806	-.00041	.03611	.02372	.03806	.02620	.02882	.06450
.700	.148	-.00724	-.14967	-.02006	-.00270	.06077	.04151	.05607	.05061	.01989	.06959
.702	2.066	.00436	-.00635	-.01350	-.01514	.07403	.05595	.07274	.06543	.05157	.06980
.701	3.979	.02936	.02400	-.00253	-.01477	.08222	.06316	.08039	.07279	.06098	.07345
.701	5.966	.03047	.02758	.00378	-.01095	.08708	.06732	.08457	.07573	.06597	.07680
.700	8.031	.02553	.01865	.00256	-.01353	.09023	.06567	.08291	.07022	.06555	.07500
.701	10.046	.01562	.00641	-.00377	-.02082	.08719	.06181	.07973	.06416	.05894	.05108
.699	12.047	-.01134	-.00060	-.01727	-.03008	.07989	.04924	.07641	.05269	.04759	.05721
.698	14.050	-.01239	-.02167	-.02611	-.04328	.06273	.03661	.04798	.03426	.03259	.04366
.696	16.054	-.03761	-.04441	-.04609	-.05455	.04582	.01686	.01713	.01534	.01131	.02546
	GRADIENT	.03640	.06333	.00261	-.00277	.00764	.00667	.00712	.00779	.00630	.00136

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.798	-1.998	-.15984	-.31156	.00461	.01774	.05964	.04526	.06330	.04829	.05236	.09042
.800	.022	.01368	-.12787	.00625	.01761	.08155	.06143	.08153	.06990	.05808	.09490
.800	1.984	.03443	.01657	.01425	.00799	.09803	.07548	.09549	.08454	.07573	.09412
.800	3.965	.04950	.04695	.02318	.00810	.10440	.08440	.10268	.09359	.08443	.09760
.800	5.997	.05251	.04938	.02886	.01158	.10936	.08752	.10673	.09589	.08975	.10082
.800	7.982	.04951	.04406	.02910	.00984	.11241	.08824	.10745	.09313	.08908	.09900
.800	10.011	.04138	.03675	.02294	.00519	.11171	.08557	.10084	.08803	.08281	.09285
.800	11.995	.01554	.02585	.00765	-.00487	.10621	.07325	.09974	.07442	.07199	.08180
.799	13.998	.01343	.00717	-.00004	-.01780	.08859	.06079	.07186	.05766	.05686	.06948
.799	16.024	-.01129	-.01492	-.02065	-.03198	.07097	.03995	.04020	.03541	.03634	.05057
	GRADIENT	.03279	.06151	.00320	-.00194	.00760	.00663	.00666	.00759	.00573	.00105

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.850	-1.977	-.13386	-.24682	.02269	.02939	.07965	.06544	.08558	.07010	.06924	.10547
.850	-.062	.02486	-.10986	.02702	.03587	.10024	.08023	.10200	.08942	.07539	.11473
.849	1.935	.05729	.03427	.03319	.02757	.11612	.09371	.11530	.10324	.09309	.11346
.850	3.949	.06824	.06490	.04246	.02745	.12242	.10286	.12292	.11238	.10322	.11739
.850	5.957	.07116	.06674	.04667	.03059	.12891	.10708	.12596	.11640	.10820	.11989
.850	7.985	.06822	.06337	.04709	.02983	.13165	.10747	.12623	.11279	.10762	.11876
.850	10.024	.06012	.05656	.04201	.02465	.13052	.10377	.12122	.10692	.10154	.11182
.850	11.988	.04565	.04608	.03187	.01507	.12470	.09313	.11044	.09487	.09046	.10171
.849	14.000	.03221	.02757	.01742	.00167	.10797	.07967	.08987	.07580	.07516	.08881
.850	16.025	.00946	.00685	-.00312	-.01320	.09042	.05776	.05921	.05192	.05680	.07031
	GRADIENT	.03209	.05446	.00332	-.00073	.00727	.00635	.00633	.00710	.00606	.00174

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.900	-1.980	-.09816	-.24244	.05353	.06461	.11098	.09905	.11877	.10243	.09715	.14343
.901	-.001	.06369	-.07039	.05843	.06634	.13215	.11246	.13458	.12081	.10773	.14517
.900	1.973	.08627	.06655	.06433	.05836	.14755	.12449	.14565	.13444	.12261	.14255
.900	3.975	.09736	.09421	.07226	.05741	.15266	.13314	.15299	.14212	.13186	.14591
.900	5.969	.10085	.09669	.07689	.06052	.15834	.13691	.15614	.14599	.13726	.14845
.900	7.987	.09763	.09287	.07745	.05897	.16064	.13710	.15672	.14272	.13624	.14680
.900	9.981	.08952	.08607	.07225	.05435	.16038	.13293	.15054	.13622	.13044	.13981
.899	11.999	.07430	.07482	.06119	.04430	.15354	.12058	.13850	.12194	.11900	.12869
.900	13.996	.06156	.05770	.04845	.03024	.13703	.10610	.11922	.10288	.10411	.11523
.900	16.018	.03987	.03663	.02800	.01643	.11802	.08522	.08782	.08007	.08545	.09748
.900	18.047	.01378	.01317	.01286	.00504	.09121	.05622	.05341	.04151	.06061	.07408
	GRADIENT	.03067	.05776	.00313	-.00149	.00707	.00576	.00573	.00669	.00600	.00024

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.949	-1.982	-.05469	-.16894	.09421	.09662	.15312	.13798	.16175	.14255	.13301	.17642
.948	-.011	.08838	-.03351	.09826	.10290	.17160	.15067	.17496	.15873	.14135	.18219
.950	1.936	.12895	.10066	.10501	.09798	.18636	.16310	.18733	.17258	.15893	.18172
.949	3.980	.13586	.13202	.11276	.09482	.19056	.17103	.19144	.17995	.16801	.18293
.950	5.987	.13747	.13343	.11495	.09663	.19600	.17301	.19399	.18183	.17250	.18385
.950	7.949	.13393	.13008	.11400	.09462	.19807	.17285	.19365	.17946	.17147	.18205
.949	10.002	.12480	.12086	.10766	.08828	.19551	.16701	.18636	.17072	.16418	.17390
.947	12.001	.10833	.10757	.09492	.07607	.18723	.15315	.17185	.15484	.15176	.16151
.951	14.039	.09531	.09090	.08196	.06349	.17146	.13974	.15314	.13679	.13748	.14999
.950	15.942	.07406	.06896	.06041	.04723	.15145	.11521	.12011	.10995	.11929	.12998
.952	18.019	.04702	.04414	.04327	.03480	.12268	.08474	.08442	.07042	.09421	.10685
	GRADIENT	.03076	.05215	.00315	-.00053	.00639	.00562	.00510	.00634	.00617	.00096

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.980	-2.081	-.01654	-.16115	.11590	.12402	.17599	.16697	.18736	.16987	.15509	.20466
.980	.046	.12704	.00211	.12584	.12872	.19621	.17887	.20134	.18688	.16545	.20853
.980	2.007	.14790	.12892	.12835	.12165	.21107	.18794	.20998	.19746	.18131	.20516
.980	3.910	.15856	.15642	.13448	.11861	.21469	.19477	.21527	.20300	.18999	.20671
.979	5.939	.16012	.15669	.13683	.11949	.21867	.19655	.21721	.20533	.19477	.20661
.980	7.962	.15554	.15211	.13515	.11643	.22019	.19436	.21556	.20053	.19286	.20367
.980	9.950	.14649	.14148	.12909	.10935	.21747	.18746	.20875	.19167	.18576	.19509
.980	12.006	.13096	.12929	.11678	.09766	.20879	.17397	.19388	.17547	.17404	.18311
.980	13.993	.11575	.10980	.10291	.08131	.19119	.15542	.17220	.15262	.15818	.16760
.980	16.016	.09349	.08717	.08019	.06511	.17053	.13150	.13765	.12515	.13918	.14852
.980	18.015	.06616	.06320	.06162	.05235	.14013	.10088	.10197	.08647	.11435	.12608
	GRADIENT	.02778	.05448	.00293	-.00114	.00661	.00465	.00466	.00555	.00605	.00015

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.050	-1.963	.05700	-.07094	.18325	.18889	.24382	.23349	.25644	.23709	.21459	.27294
1.049	-.011	.18379	.07820	.18785	.18854	.25931	.24067	.26680	.24913	.23186	.27005
1.049	1.940	.21130	.19467	.19316	.18196	.27078	.24894	.27354	.25831	.24389	.26658
1.050	3.965	.21972	.21727	.19596	.17734	.27419	.25297	.27606	.26223	.25188	.26682
1.049	5.981	.21691	.21514	.19460	.17606	.27491	.25118	.27291	.25987	.25406	.26506
1.050	7.988	.21060	.20765	.19080	.17141	.27443	.24758	.27085	.25407	.25015	.26123
1.050	10.014	.19521	.19563	.18088	.16150	.27027	.23870	.26402	.24260	.23909	.25056
1.049	12.002	.17019	.18159	.16267	.14743	.25905	.22182	.24535	.22245	.22972	.23655
1.049	13.994	.16442	.16028	.14928	.12879	.23503	.20085	.21596	.19582	.20924	.22083
1.049	16.017	.14008	.13296	.12126	.10659	.21097	.16784	.17372	.16070	.18970	.19794
1.050	17.994	.11515	.11110	.09731	.08898	.17134	.11777	.12708	.10208	.16777	.17583
	GRADIENT	.02604	.04959	.00220	-.00209	.00519	.00338	.00332	.00428	.00627	-.00110

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.100	-1.895	.13674	-.01252	.23568	.24416	.29624	.28971	.30909	.29244	.26157	.32625
1.100	-.033	.24234	.13749	.23970	.24253	.31146	.29532	.31715	.30285	.27105	.32084
1.100	1.941	.26006	.24709	.24188	.23406	.32236	.30153	.32382	.30925	.28979	.31527
1.101	4.017	.26622	.26540	.24458	.22878	.32254	.30417	.32428	.31236	.29555	.31405
1.100	6.001	.26243	.26217	.24238	.22629	.32233	.30246	.32041	.30989	.29703	.31168
1.100	8.012	.25452	.25323	.23664	.21942	.32045	.29634	.31654	.30208	.29185	.30584
1.100	10.034	.24006	.24037	.22594	.20891	.31363	.28632	.30595	.28988	.28116	.29488
1.099	12.005	.21728	.22531	.20748	.19269	.30184	.26698	.28868	.26780	.26887	.27884
1.100	13.998	.20420	.20300	.19064	.17247	.27746	.24467	.25919	.24030	.24938	.26359
1.101	16.034	.18163	.17976	.15828	.14962	.25046	.21127	.21314	.20236	.23065	.24420
1.100	18.066	.16128	.16290	.13866	.13904	.19903	.12993	.14643	.11341	.21197	.22517
	GRADIENT	.02032	.04747	.00146	-.00278	.00451	.00251	.00263	.00334	.00611	-.00213

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-1.882	.15955	.02609	.24252	.24852	.30986	.30171	.32191	.30467	.25459	.33640
1.151	.029	.25027	.16272	.24741	.24547	.32375	.30593	.32907	.31332	.26962	.32862
1.149	2.084	.26725	.26256	.24774	.23739	.33171	.31219	.33409	.31904	.29134	.32161
1.149	3.966	.26746	.27007	.24834	.23134	.32828	.31099	.32973	.31848	.29625	.31911
1.149	6.005	.26061	.26350	.24234	.22517	.32508	.30457	.32283	.31076	.29612	.31324
1.150	8.013	.24845	.25032	.23167	.21396	.31805	.29377	.31302	.29857	.28845	.30520
1.150	10.051	.23181	.23432	.21521	.19795	.30641	.27715	.29602	.28000	.27671	.29209
1.150	12.043	.21036	.21869	.18962	.17487	.28760	.24684	.26945	.24413	.26611	.27900
1.149	14.054	.20596	.21022	.17672	.16842	.25172	.18788	.22632	.18328	.25694	.27371
1.149	16.042	.19897	.19889	.16168	.16639	.23129	.16344	.18970	.15689	.24851	.26308
1.150	18.083	.18951	.18750	.15114	.16304	.21453	.14388	.16825	.12994	.23993	.24463
	GRADIENT	.01737	.04252	.00090	-.00305	.00324	.00175	.00146	.00241	.00751	-.00301

OA232 AEDC 16T TF431 LA .2A RFN.15 (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.199	-1.899	.23562	.06810	.22900	.23825	.31249	.30748	.32524	.30776	.13638	.33422
1.200	.031	.25480	.18808	.23835	.23310	.32032	.30502	.32644	.31037	.17647	.32283
1.201	1.923	.25923	.26034	.23606	.22028	.32517	.30415	.32750	.30876	.27778	.31299
1.200	3.944	.25389	.25654	.23283	.20950	.32029	.29334	.32035	.29705	.29418	.30671
1.201	5.950	.24480	.24691	.22143	.19978	.31078	.27120	.30485	.27091	.29476	.30098
1.199	8.010	.23204	.23488	.20854	.19438	.30008	.24689	.29086	.24614	.28856	.29769
1.199	10.011	.22989	.23119	.19245	.18520	.28589	.22842	.27177	.22801	.28580	.29510
1.200	12.066	.22604	.22932	.18391	.18084	.26924	.20903	.24853	.20482	.28332	.28917
1.200	14.048	.22513	.22181	.17860	.17688	.25702	.19811	.23225	.18946	.28194	.28399
1.200	16.006	.22048	.21093	.17138	.17761	.24386	.18410	.20619	.17627	.26549	.25789
1.200	18.059	.18035	.16315	.16575	.18188	.23218	.17216	.19014	.15901	.23854	.23457
	GRADIENT	.00302	.03266	.00046	-.00510	.00144	-.00224	-.00072	-.00176	.02950	-.00475

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.219	-1.949	.20720	.09333	.24566	.21598	.31396	.29816	.32661	.29883	.14793	.32880
1.220	.000	.24111	.20897	.23578	.20806	.32127	.28998	.32466	.29598	.12953	.31315
1.220	1.906	.25758	.25632	.22856	.19699	.32366	.28654	.32389	.28919	.18759	.30538
1.219	3.926	.25847	.25042	.22340	.19434	.30967	.26169	.30753	.26303	.27302	.30166
1.220	5.932	.24763	.23999	.21764	.19413	.30013	.24033	.29139	.23900	.30080	.29930
1.220	7.974	.24648	.23393	.20041	.18646	.29499	.23281	.28528	.23217	.30893	.30193
1.220	9.977	.24338	.23203	.19405	.18846	.28064	.21709	.26582	.21614	.30877	.30080
1.219	12.006	.23769	.23046	.18689	.18512	26996	.20434	.24914	.19927	.30376	.29412
1.220	13.988	.23923	.22345	.18613	.18250	.25926	.19379	.23655	.18664	.29543	.29031
1.220	16.01[illegible]	.[illegible]616	.18855	.18342	.18834	.24812	.18196	.21327	.17794	.26498	.25800
1.218	17.980	.18140	.15817	.16663	.17106	.23559	.17009	.19780	.15856	.24371	.23426
	GRADIENT	.00869	.02645	-.00378	-.00388	-.00056	-.00580	-.00299	-.00588	.02226	-.00456

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OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.240	-2.006	.15674	.11803	.25256	.19869	.31521	.28419	.32874	.28594	.15213	.32846
1.239	.029	.21100	.22311	.24034	.19823	.32002	.27528	.32436	.28286	.13302	.31142
1.240	1.967	.24643	.25535	.23137	.19296	.31823	.26545	.31924	.26659	.13372	.29983
1.239	4.034	.25542	.24612	.22715	.19358	.30564	.24312	.30174	.24170	.21211	.28923
1.240	5.980	.25077	.23825	.21285	.18650	.30227	.23370	.29347	.23071	.29002	.29343
1.240	7.979	.25413	.23392	.20858	.18591	.29399	.21883	.28393	.21633	.30511	.29922
1.240	10.012	.25416	.22911	.20432	.18627	.28751	.21260	.27239	.20999	.31022	.30219
1.240	11.996	.25173	.23069	.20189	.18569	.27572	.20919	.25142	.20347	.30847	.29606
1.240	14.012	.24271	.21327	.19773	.18944	.26535	.20436	.24113	.19629	.29059	.26950
1.239	16.012	.21229	.18077	.18837	.18515	.25486	.19003	.22075	.18487	.26566	.26360
1.240	18.026	.18289	.15225	.16600	.16571	.24060	.16914	.20433	.15996	.24514	.23548
	GRADIENT	.01650	.02074	-.00424	-.00102	-.00153	-.00665	-.00430	-.00743	.00908	-.00645

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	-1.990	.08777	.18085	.18552	.20551	.28784	.23535	.28716	.23725	.18677	.25891
1.299	.002	.15939	.24712	.19954	.20350	.28376	.22882	.28201	.23266	.16466	.28465
1.300	1.989	.19384	.25963	.19979	.20076	.28390	.23245	.28669	.23512	.14116	.29656
1.300	3.995	.22201	.25535	.19751	.19462	.27656	.22709	.27066	.22976	.13135	.30006
1.300	6.004	.23184	.25181	.20339	.19616	.28093	.22238	.26751	.21878	.16870	.29992
1.300	8.026	.23986	.24751	.20991	.20006	.27582	.21532	.26140	.21162	.22014	.29870
1.300	9.976	.23384	.24188	.21276	.20050	.28371	.21229	.26456	.20888	.25332	.28595
1.300	12.011	.22599	.22225	.20842	.19386	.27175	.20448	.25116	.20030	.24361	.26203
1.300	14.019	.20048	.19664	.19302	.18252	.26410	.19458	.25182	.19214	.23088	.25064
1.299	15.969	.18369	.17284	.17807	.16883	.24968	.17723	.22429	.17632	.21820	.24055
1.300	18.050	.16777	.15411	.15751	.15491	.22499	.14916	.20087	.14824	.20973	.23414
	GRADIENT	.02192	.01183	.00182	-.00178	-.00169	-.00106	-.00225	-.00101	-.00951	.00678

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.399	-1.985	.10827	.23154	.17816	.20311	.26866	.24057	.25036	.23558	.24631	.20010
1.400	.022	.18883	.24456	.18335	.20205	.28150	.24117	.27395	.24687	.22677	.24930
1.400	1.962	.20723	.25555	.20758	.20948	.28477	.24423	.27512	.24708	.19994	.28441
1.399	3.977	.22739	.25545	.22641	.21569	.28360	.23923	.27708	.24303	.17435	.29557
1.400	5.952	.24528	.25238	.21972	.21943	.28291	.23722	.27008	.23586	.15715	.28179
1.400	7.986	.25882	.24030	.21309	.22131	.27819	.23766	.26229	.23248	.16067	.26626
1.400	9.965	.24211	.22675	.20901	.20968	.27982	.23282	.26413	.22973	.21082	.26198
1.400	11.982	.21937	.20897	.19267	.19573	.27226	.23845	.25445	.23422	.24600	.25413
1.400	13.992	.19829	.20166	.17369	.19644	.25914	.21318	.24790	.21343	.24060	.24626
1.400	15.951	.17657	.18423	.16229	.18656	.24363	.18849	.22701	.19209	.22183	.23179
1.400	17.977	.15466	.17015	.15566	.18041	.22229	.16820	.19885	.15794	.20200	.22821
	GRADIENT	.01897	.00417	.00852	.00228	.00243	-.00005	.00411	.00114	-.01224	.01621

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.550	-1.859	.15265	.22579	.18179	.19601	.25990	.21521	.23492	.21602	.30931	.23084
1.550	.031	.18737	.24867	.20116	.20518	.26321	.22664	.24631	.22206	.28962	.21665
1.550	2.052	.23120	.24861	.21326	.21379	.27156	.22207	.22927	.22903	.26403	.23217
1.551	4.093	.22736	.23627	.21145	.21071	.27019	.22427	.23433	.23111	.23188	.25592
1.550	6.060	.22461	.22833	.22288	.21475	.27803	.23821	.27014	.24388	.20355	.25830
1.550	8.088	.23990	.22727	.20325	.22140	.27259	.22796	.26397	.22834	.17918	.26153
1.550	10.082	.21800	.21064	.18684	.19707	.26398	.22051	.25503	.22332	.14284	.24596
1.550	12.062	.20808	.20673	.17845	.19578	.25562	.21091	.24939	.21288	.14833	.24527
1.550	14.095	.20464	.20075	.17086	.18810	.23744	.19056	.23074	.19760	.20947	.23785
1.549	16.084	.20009	.18699	.17252	.18194	.22320	.17901	.20587	.17780	.23764	.22361
	GRADIENT	.01342	.00151	.00505	.00263	.00197	.00111	-.00097	.00262	-.01299	.00464

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.201	-1.827	-.27445	-.18276	-.09461	-.00642	-.03410	.03482	-.05483	.05972	-.10457	-.00356
.201	.217	-.11144	-.04321	-.08873	-.00269	-.01331	.06555	-.01694	.07694	-.04322	.06483
.203	2.133	-.07270	.00783	-.07554	.00011	.00085	.07085	.00991	.08837	-.02791	.07853
.204	4.121	-.06761	.01545	-.06972	.00299	.00924	.07775	.02445	.10061	-.02056	.08188
.203	6.092	-.07838	.00745	-.07493	-.00372	.01375	.07584	.02420	.09540	-.01978	.07792
.204	7.842	-.08315	.00141	-.07626	-.00414	.02360	.08044	.02498	.09154	-.01454	.08180
.200	9.797	-.08402	-.01083	-.07760	-.01587	.02649	.06882	.03008	.07816	-.01299	.07024
.200	11.702	-.09448	-.02898	-.09308	-.03475	.01423	.05093	.01134	.05167	-.02971	.05165
.201	13.722	-.10526	-.05096	-.10959	-.05455	-.00163	.02551	-.01525	.02408	-.05098	.03265
.201	15.703	-.11429	-.06514	-.11648	-.06302	-.01023	.01184	-.03168	.00328	-.06159	.02395
	GRADIENT	.03352	.03279	.00444	.00157	.00730	.00681	.01341	.00679	.01359	.01373

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.397	-1.949	-.24213	-.15804	-.06844	.02081	-.01609	.05814	-.02483	.08685	-.06215	.03260
.398	.036	-.09408	-.03758	-.07174	.00991	-.00143	.07349	-.00149	.08685	-.03013	.07583
.398	2.027	-.05733	.02254	-.06206	.01235	.01355	.08282	.02919	.09850	-.01859	.08515
.398	4.034	-.05220	.03224	-.05692	.01504	.02287	.08697	.03303	.10928	-.00921	.08969
.398	6.021	-.05400	.02890	-.05637	.01325	.03086	.08989	.03829	.11181	-.00474	.09066
.399	7.888	-.05700	.02264	-.05664	.01209	.04059	.09368	.04216	.10541	.00037	.09288
.399	9.869	-.06667	.00634	-.06396	.00009	.03992	.08287	.03993	.09031	-.00460	.08246
.399	11.864	-.07486	-.00419	-.06826	-.00928	.03681	.07039	.02900	.07196	-.01162	.07116
.399	13.871	-.08173	-.02272	-.08334	-.02351	.02147	.05195	.00619	.04843	-.02742	.05546
.399	15.864	-.09442	-.04289	-.09680	-.04252	.00555	.02934	-.01638	.01880	-.04525	.04612
.398	17.907	-.11480	-.07212	-.11368	-.05608	-.01762	.00584	-.04633	-.02551	-.05726	.01602
	GRADIENT	.03038	.03161	.00222	-.00074	.00661	.00480	.01024	.00396	.00854	.00905

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.600	-1.921	-.25514	-.31860	-.06697	.04787	-.02089	.06475	-.02612	.07426	-.03058	.10525
.600	.057	-.06503	-.10309	-.07138	.03319	-.00175	.07658	-.00334	.09091	-.02262	.10551
.601	2.070	-.04523	.04333	-.06123	.01495	.01668	.08714	.01288	.09939	-.02047	.10020
.600	4.093	-.04461	.05479	-.05342	.01579	.02563	.09462	.02493	.10485	-.00871	.10790
.602	6.111	-.05377	.05687	-.05033	.01970	.03140	.09606	.02934	.10471	-.00370	.10964
.601	8.014	-.03806	.04863	-.05214	.01910	.04141	.09648	.02992	.10048	-.00458	.09442
.601	10.027	-.05552	.01819	-.05827	.00597	.04333	.08395	.04041	.09380	.00218	.08533
.601	11.881	-.06387	.00605	-.06422	-.00425	.03698	.07167	.03355	.07547	-.00116	.07630
.600	13.852	-.05857	-.00336	-.07237	-.01060	.02029	.05667	.01096	.06101	-.01491	.06943
.599	15.888	-.08106	-.03031	-.08779	-.02392	.00442	.03426	-.01167	.03012	-.03375	.04755
.600	17.886	-.10363	-.04961	-.08714	-.02411	-.01374	.00880	-.03860	-.01240	-.05699	.02153
	GRADIENT	.03256	.06305	.00254	-.00570	.00787	.00499	.00844	.00499	.00338	.00014

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.697	-1.908	-.21676	-.28603	-.05906	.04899	-.01053	.07238	-.01337	.08084	-.02207	.11195
.700	.005	-.05505	-.09527	-.05976	.04191	.01341	.08404	.00732	.09783	-.01374	.11637
.701	2.105	-.03801	.04710	-.05192	.02509	.03197	.09754	.02496	.10857	.00570	.11525
.701	4.058	-.01634	.06940	-.04485	.02866	.04131	.10255	.03816	.11455	.01434	.11903
.702	6.096	-.01406	.07064	-.03915	.03208	.04638	.10561	.04173	.11569	.01913	.12238
.700	7.970	-.01621	.06046	-.03778	.03062	.05035	.10493	.04141	.11076	.02081	.11029
.699	10.039	-.02242	.04649	-.04105	.01851	.05198	.09664	.04126	.10218	.01740	.09813
.699	11.895	-.03932	.02774	-.04983	.00773	.04842	.08445	.03727	.09165	.00814	.09188
.699	13.859	-.04767	.01531	-.06152	-.00542	.03257	.06724	.01903	.06408	-.00680	.08269
.698	15.880	-.07123	-.01164	-.07901	-.01843	.01741	.04547	-.00530	.03731	-.02548	.06149
.699	17.891	-.09634	-.03576	-.09236	-.02774	-.00515	.01944	-.03885	-.00435	-.04947	.03521
	GRADIENT	.03071	.06040	.00253	-.00391	.00870	.00521	.00861	.00559	.00645	.00100

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.799	-2.004	-.18584	-.25679	-.03963	.06719	.01085	.09482	.01013	.10387	-.00236	.13932
.799	-.017	-.03269	-.06776	-.03525	.06199	.03605	.10479	.03178	.11766	.01024	.14189
.800	2.012	-.01588	.07210	-.02912	.04996	.05456	.11914	.04800	.13030	.02747	.14008
.800	3.963	.00380	.09105	-.02115	.05265	.06282	.12444	.05720	.13689	.03699	.14366
.800	6.025	.00695	.09244	-.01569	.05498	.06757	.12722	.06289	.13793	.04187	.14702
.800	7.926	.00706	.08872	-.01232	.05543	.07289	.12894	.06613	.13512	.04441	.14722
.800	9.993	.00012	.08007	-.01692	.05030	.07411	.12384	.06353	.12828	.03987	.13852
.800	11.885	-.00905	.06597	-.02252	.03629	.07392	.10805	.05915	.10773	.03385	.12343
.800	13.917	-.02333	.04395	-.03600	.02179	.05738	.09278	.04106	.08804	.01796	.10783
.800	15.945	-.04519	.02017	-.05425	.00498	.04205	.06976	.01668	.05784	-.00035	.08619
.800	17.930	-.06830	-.00662	-.06752	-.00558	.01797	.04185	-.01442	.01970	-.02298	.06085
	GRADIENT	.02941	.05947	.00309	-.00280	.00876	.00519	.00791	.00561	.00679	.00056

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.849	-1.913	-.15483	-.20116	-.01702	.07561	.03641	.11023	.03805	.12019	.01904	.15195
.849	.022	-.01294	-.04131	-.01511	.07935	.05699	.12426	.05466	.13761	.02952	.16092
.850	1.976	.00852	.03039	-.00966	.06985	.07390	.13774	.06912	.14968	.04584	.16008
.850	4.042	.02334	.10749	-.00111	.06932	.08212	.14294	.07952	.15510	.05677	.16225
.850	6.043	.02604	.11175	.00269	.07436	.08683	.14760	.08391	.15823	.06063	.16657
.850	7.988	.02431	.11070	.00433	.07702	.09131	.15031	.08505	.15640	.06169	.16829
.850	10.078	.02162	.09772	.00434	.06675	.09678	.14054	.08622	.14393	.06103	.15550
.850	11.928	.00967	.08565	-.00457	.05505	.09324	.12702	.07793	.12597	.05138	.14357
.849	13.950	-.00352	.06405	-.01735	.04041	.07760	.11099	.06149	.10594	.03739	.12790
.850	15.933	-.02509	.04201	-.03622	.02399	.06225	.08828	.03608	.07557	.01978	.10756
.850	17.980	-.05012	.01407	-.04971	.01213	.03596	.05949	.00424	.03727	-.00320	.08191
	GRADIENT	.02786	.05310	.00269	-.00143	.00775	.00561	.00699	.00587	.00653	.00151

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.901	-1.991	-.12122	-.16901	.01213	.10842	.06495	.14395	.06910	.15447	.04345	.18679
.899	-.038	.01814	-.00988	.01589	.10932	.08784	.15531	.08673	.16819	.05787	.19110
.899	1.974	.03616	.12123	.02221	.09883	.10546	.16683	.10132	.17809	.07529	.18746
.900	3.952	.05345	.13772	.02912	.09957	.11290	.17301	.10980	.18527	.08501	.19086
.900	5.989	.05598	.14118	.03431	.10282	.11747	.17616	.11478	.18679	.09010	.19370
.900	7.876	.05480	.13926	.03565	.10433	.12113	.17804	.11559	.18502	.09058	.19448
.900	10.025	.05150	.12596	.03554	.09495	.12606	.16834	.11586	.17195	.09017	.18253
.900	11.900	.03979	.11491	.02668	.08423	.12233	.15544	.10735	.15467	.08097	.17135
.900	13.924	.02607	.09471	.01338	.06893	.10641	.13835	.09009	.13311	.06670	.15597
.899	15.891	.00424	.07028	-.00623	.05139	.08951	.11475	.06401	.10158	.04925	.13463
.899	17.929	-.01974	.04390	-.02016	.03830	.06270	.08502	.03189	.06366	.02659	.10993
	GRADIENT	.02725	.05297	.00289	-.00187	.00813	.00497	.00689	.00515	.00716	.00043

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.950	-1.972	-.08021	-.11461	.05198	.14672	.10710	.18616	.11159	.19719	.07848	.22568
.950	.045	.05606	.03533	.05829	.14772	.13071	.19511	.12984	.20829	.09476	.22908
.950	1.988	.08375	.15840	.06344	.13839	.14547	.20624	.14289	.21757	.11180	.22601
.950	4.016	.09202	.17446	.07085	.13654	.15006	.21014	.15058	.22137	.12248	.22731
.950	6.057	.09279	.17599	.07201	.13885	.15477	.21187	.15182	.22204	.12565	.22874
.950	7.981	.09119	.17319	.07233	.13872	.15841	.21178	.15335	.21878	.12610	.22770
.951	10.031	.08473	.16372	.06868	.13248	.15868	.20552	.15074	.20953	.12151	.22008
.950	11.930	.07580	.14864	.06147	.11787	.15716	.18891	.14267	.18801	.11556	.20482
.949	14.018	.05718	.12748	.04524	.10217	.13873	.17079	.12197	.16496	.09736	.18912
.950	15.938	.03638	.10445	.02482	.08422	.12161	.14539	.09554	.13232	.08084	.16800
.950	17.931	.01345	.07719	.01094	.06920	.09570	.11491	.06403	.09231	.06025	.14250
	GRADIENT	.02736	.04969	.00310	-.00200	.00721	.00417	.00653	.00411	.00748	.00009

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.980	-2.030	-.05969	-.09744	.07558	.17182	.13093	.21177	.13934	.22140	.09821	.25181
.980	.010	.06797	.06201	.08204	.17237	.15176	.22027	.15554	.23261	.11764	.25362
.980	1.987	.10758	.18235	.09015	.16201	.16600	.22957	.16728	.24107	.13431	.24950
.980	4.017	.11528	.19767	.09394	.15935	.17685	.23322	.17366	.24380	.14536	.24989
.979	6.008	.11580	.19888	.09508	.16031	.17774	.23401	.17530	.24386	.14836	.25090
.979	7.948	.11378	.19502	.09530	.15934	.18097	.23251	.17601	.23965	.14878	.24875
.981	9.975	.10658	.18510	.09072	.15264	.18235	.22544	.17404	.22931	.14479	.24100
.979	11.942	.09339	.16858	.08064	.13721	.17672	.20791	.16331	.20729	.13469	.22464
.980	13.938	.07836	.14851	.06667	.12029	.15953	.18904	.14344	.18266	.11926	.20870
.979	15.929	.05677	.12325	.04674	.10170	.14005	.16816	.11436	.14804	.10086	.18637
.981	17.964	.03252	.09668	.02797	.08570	.11082	.12859	.07828	.10653	.07872	.16129
.980	18.933	.01997	.08385	.02388	.08171	.09841	.11341	.06095	.08674	.06680	.14738
	GRADIENT	.02809	.04999	.00314	-.00237	.00756	.00366	.00570	.00376	.00786	-.00049

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.051	-1.981	.03296	-.01502	.14270	.23292	.20175	.27570	.20988	.20559	.16539	.31434
1.049	.002	.15344	.13697	.14977	.23249	.21694	.28319	.22163	.29458	.17666	.31405
1.050	2.007	.16589	.24774	.15339	.22332	.23148	.29081	.23003	.30171	.19919	.31104
1.049	4.009	.17693	.25721	.15461	.21790	.23579	.29076	.23642	.30156	.20647	.30910
1.051	6.077	.17653	.25804	.15623	.21851	.23656	.29044	.23462	.30082	.20987	.30905
1.050	7.994	.16988	.25103	.15108	.21529	.23530	.28686	.23069	.29406	.20636	.30624
1.050	9.971	.15854	.23765	.14222	.20501	.23293	.27705	.22456	.28049	.19856	.29603
1.050	11.999	.13617	.22211	.12648	.18807	.22598	.25666	.21493	.25404	.18944	.27869
1.049	13.935	.12644	.19834	.11307	.16802	.20373	.23355	.18798	.22607	.17068	.26067
1.049	15.931	.10196	.17176	.08521	.14667	.18123	.20257	.15057	.18772	.15171	.23922
1.049	17.964	.07952	.14661	.05749	.12566	.13906	.15506	.10316	.12835	.13249	.21356
1.050	18.963	.07196	.13054	.05053	.12264	.10611	.13041	.05997	.09279	.12352	.20209
	GRADIENT	.02221	.04640	.00197	-.00272	.00584	.00269	.00441	.00275	.00730	-.00094

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (28 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.100	-2.011	.08733	.05207	.19661	.28510	.25604	.32912	.26402	.33789	.20966	.36343
1.100	.036	.20103	.19813	.20074	.28369	.27155	.33467	.27550	.34663	.22677	.36202
1.099	1.384	.21720	.29713	.20439	.27307	.28107	.34073	.28107	.35093	.24469	.35740
1.099	4.064	.22518	.30446	.20575	.26698	.28564	.34010	.28612	.35013	.25271	.35415
1.101	6.016	.22073	.30300	.20307	.26567	.28341	.33783	.28172	.34711	.25243	.35302
1.099	7.998	.21530	.29484	.19970	.26068	.28373	.33254	.27854	.33956	.25054	.34870
1.101	9.959	.20236	.28037	.18868	.24900	.27939	.32011	.27089	.32446	.24171	.33653
1.100	11.929	.17899	.26238	.17324	.22954	.27348	.29870	.26357	.29700	.23442	.31736
1.100	13.880	.16991	.23850	.15806	.20800	.24873	.27416	.23375	.26643	.21456	.29982
1.101	15.863	.14752	.21333	.12224	.18417	.22433	.23819	.19194	.22273	.19816	.27895
1.100	17.929	.13369	.19126	.10341	.16858	.16471	.17790	.12122	.14743	.18586	.25553
	GRADIENT	.02131	.04236	.00154	-.00321	.00487	.00193	.00356	.00203	.00728	-.00161

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.149	-1.946	.14149	.09836	.20103	.29302	.26951	.34373	.27892	.35408	.12719	.37468
1.151	.041	.21598	.22530	.20640	.28907	.28399	.34578	.28787	.35797	.22129	.36998
1.149	2.010	.22452	.30949	.21181	.27814	.29165	.35174	.29223	.36072	.25038	.36399
1.150	4.046	.22676	.30931	.20852	.27097	.29083	.34778	.29159	.35666	.25703	.36021
1.150	6.022	.21981	.30303	.20258	.26514	.28676	.33986	.28384	.34836	.25498	.35413
1.149	7.940	.20917	.29142	.19330	.25558	.28260	.33006	.27634	.33553	.24974	.34703
1.151	9.996	.19643	.26896	.18066	.23240	.27620	.30548	.26551	.30724	.24354	.32798
1.150	11.910	.17615	.25415	.14782	.21094	.26281	.27799	.24729	.27262	.23759	.31451
1.150	13.852	.17937	.24168	.13784	.19893	.21797	.23720	.19816	.22230	.23130	.30527
1.149	15.884	.17216	.22841	.12285	.19589	.20248	.20345	.16593	.18759	.22809	.29268
1.150	17.883	.17363	.21391	.11878	.19256	.19261	.17309	.14856	.15481	.22910	.27174
	GRADIENT	.01322	.03586	.00139	-.00387	.00358	.00090	.00212	.00052	.02094	-.00248

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.200	-2.026	.11223	.12055	.21203	.28573	.26864	.34696	.28157	.35621	.10617	.37160
1.200	.095	.18618	.24448	.19992	.27879	.27489	.34710	.28213	.35716	.08056	.36299
1.200	1.941	.21674	.30456	.19623	.26416	.28509	.34418	.28285	.35208	.08649	.35483
1.201	4.006	.22471	.29388	.19796	.25028	.28316	.33271	.28128	.34015	.13089	.34680
1.200	6.036	.20800	.28502	.19181	.23930	.27122	.31766	.26381	.32220	.20409	.34117
1.199	7.909	.21194	.27449	.16274	.23043	.25453	.29533	.24310	.29515	.25595	.33690
1.201	9.941	.20923	.26913	.15497	.22462	.24447	.26362	.22922	.25907	.26980	.33270
1.199	11.883	.20581	.26320	.15279	.21868	.23935	.23940	.22355	.23193	.27393	.32327
1.199	13.868	.21046	.25354	.15338	.21380	.22676	.22482	.20690	.21464	.27203	.31378
1.199	15.898	.19851	.24051	.15166	.20934	.21560	.20798	.18349	.19690	.23288	.29125
1.200	17.950	.15439	.20121	.14203	.20335	.20744	.19126	.17112	.17622	.20910	.26417
	GRADIENT	.01851	.02915	-.00231	-.00605	.00268	-.00229	-.00001	-.00266	.00397	-.00414

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.299	-1.986	.03610	.22189	.13109	.24457	.22630	.29502	.21270	.30504	.16240	.37559
1.300	-.006	.12359	.29655	.13940	.24341	.23458	.28456	.21860	.29119	.14017	.35042
1.300	2.003	.13728	.30863	.15064	.24352	.23534	.28039	.22983	.28453	.11357	.35507
1.300	4.023	.16429	.30067	.14752	.24215	.23348	.27375	.22235	.27422	.09377	.35461
1.301	6.014	.18364	.29734	.14885	.24142	.23623	.26823	.22020	.26562	.11140	.35968
1.301	7.960	.20680	.29195	.16454	.24601	.23909	.26635	.22356	.26382	.17572	.36049
1.300	9.956	.20589	.28109	.16884	.24085	.23740	.26176	.21841	.26059	.21704	.34634
1.300	11.944	.19206	.26179	.15802	.23469	.23711	.25172	.21515	.24737	.21013	.31112
1.299	13.928	.16482	.23099	.15071	.21630	.22250	.23739	.20571	.23159	.19213	.30102
1.300	15.933	.14497	.20246	.13653	.19903	.21220	.20666	.18736	.20345	.17906	.28881
1.300	17.979	.12419	.18132	.12597	.18523	.19497	.17162	.17594	.16433	.16347	.27377
	GRADIENT	.01984	.01236	.00301	-.00036	.00111	-.00339	.00200	-.00495	-.01160	-.00340

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.400	-1.935	.06824	.28263	.13286	.25110	.22699	.28076	.19938	.28867	.22180	.27752
1.400	.005	.13255	.29898	.13813	.25265	.23073	.28880	.21526	.29605	.20035	.31951
1.400	1.991	.16374	.30554	.15041	.25426	.24059	.28502	.21927	.28894	.17680	.33491
1.400	4.002	.17494	.30469	.16657	.25566	.23501	.28090	.21922	.28415	.15318	.34536
1.399	6.067	.18200	.30671	.16591	.25813	.23397	.27875	.22183	.27874	.12386	.34646
1.400	8.005	.19490	.30793	.16827	.26730	.23681	.27957	.22338	.27480	.09193	.33786
1.400	10.062	.18297	.27996	.16050	.25596	.24184	.28086	.22467	.27264	.10857	.31453
1.399	11.982	.17023	.24816	.15181	.23557	.24142	.27069	.22889	.26474	.15439	.30160
1.400	13.953	.15328	.23940	.14453	.23209	.23164	.24700	.22408	.24506	.18439	.29267
1.400	15.999	.14267	.22843	.13727	.23010	.22021	.21941	.20423	.21766	.17901	.28310
1.400	17.976	.12624	.20649	.13229	.21665	.20420	.20006	.18439	.18437	.17132	.26941
	GRADIENT	.01769	.00366	.00574	.00077	.00171	-.00018	.00319	-.00106	-.01159	.01103

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.549	-1.816	.12276	.27567	.13388	.24742	.21022	.27245	.18827	.27369	.29601	.26086
1.550	.129	.12895	.28136	.14633	.25222	.21263	.27908	.17043	.28509	.25942	.25965
1.551	2.137	.16600	.27813	.15906	.24864	.21801	.28262	.16921	.28928	.23340	.29523
1.550	4.139	.18183	.27426	.16154	.24231	.22509	.27335	.16608	.27938	.20044	.30949
1.550	6.194	.16954	.27733	.16132	.26594	.22551	.29104	.19757	.29198	.16482	.30906
1.550	8.094	.16994	.26320	.15077	.24889	.22381	.29492	.21414	.29258	.14570	.31002
1.550	10.106	.15498	.24948	.14089	.22432	.24071	.25006	.22982	.25245	.09089	.30362
1.550	11.921	.15128	.23495	.14011	.21406	.21329	.23756	.21227	.24197	.06224	.29531
1.551	13.891	.14910	.22897	.13040	.20952	.20632	.21738	.20136	.21607	.08623	.29320
1.550	15.882	.14462	.21414	.12202	.20836	.18361	.20257	.16761	.19152	.14149	.27757
1.550	17.910	.12886	.20686	.11410	.20743	.17109	.19087	.14906	.16915	.16272	.26791
	GRADIENT	.01080	-.00038	.00481	-.00096	.00252	.00031	-.00340	.00105	-.01573	.00915

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.260	7.995	.25051	.23867	.20214	.18823	.29120	.20964	.27631	.20608	.28220	.30474
1.260	11.981	.24625	.22895	.20095	.18586	.28271	.20418	.25678	.19898	.29218	.27815
1.261	15.954	.19831	.17244	.18416	.17336	.25737	.18652	.22682	.18473	.24549	.25485
1.260	17.997	.17329	.14990	.16130	.15760	.23768	.16152	.20589	.15642	.23260	.23894
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.280	7.973	.25015	.23392	.21209	.19205	.28688	.21181	.27235	.20926	.26214	.28555
1.279	12.004	.23528	.21555	.20669	.19148	.28636	.20467	.26426	.19998	.25957	.24961
1.280	16.026	.19690	.16894	.18011	.17314	.26194	.18091	.23127	.17913	.23628	.23350
1.281	17.973	.17638	.14940	.16531	.15543	.23319	.15440	.20451	.15261	.22851	.23173
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.300	7.980	.23994	.24864	.20974	.20029	.27585	.21524	.26136	.21242	.21986	.29879
1.299	12.031	.22631	.22219	.20837	.19392	.27164	.20453	.25117	.20064	.24401	.26232
1.300	15.998	.18276	.17218	.17732	.16961	.25020	.17697	.22400	.17586	.21781	.24038
1.299	18.005	.16812	.15368	.15757	.15545	.22575	.15076	.20095	.14994	.20943	.23403
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.321	7.999	.23634	.24964	.18695	.21255	.26633	.22612	.24982	.22186	.21476	.29567
1.320	11.971	.20586	.22706	.18358	.20765	.27311	.21739	.25285	.21303	.23606	.26081
1.320	16.033	.18667	.18075	.16534	.18174	.23721	.18972	.21476	.18882	.22098	.24373
1.320	17.990	.17092	.16305	.16280	.16780	.21458	.15927	.19348	.15432	.20925	.23590
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.340	7.967	.24064	.26428	.20590	.22417	.27282	.23717	.25778	.23304	.19548	.30495
1.341	12.003	.20985	.22715	.19166	.21298	.26300	.23401	.24374	.23072	.24093	.26551
1.340	16.031	.18220	.19038	.17956	.19349	.24826	.19908	.22820	.20029	.21780	.25028
1.340	17.999	.17200	.17470	.16994	.18115	.22153	.17112	.20205	.16619	.20511	.24288
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (IVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.360	7.963	.24152	.25761	.20429	.22399	.27676	.24493	.26181	.23956	.18870	.29838
1.360	12.007	.22113	.22642	.19742	.20979	.27332	.22398	.25613	.22156	.23931	.26539
1.361	16.017	.18275	.18143	.17324	.18290	.24214	.19899	.22722	.19915	.22136	.24253
1.361	18.000	.16210	.16862	.17075	.17897	.22831	.17278	.20659	.16643	.20391	.23413
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.380	7.969	.24015	.25267	.20493	.22133	.27758	.23917	.26487	.23524	.17936	.28714
1.380	11.979	.21227	.23427	.19609	.21214	.28597	.22858	.26895	.22703	.23795	.26155
1.380	16.017	.17920	.18371	.17973	.18681	.24610	.18798	.22756	.18861	.21148	.23817
1.380	17.982	.16222	.16852	.16980	.17132	.22448	.16611	.20271	.15710	.19784	.23610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.400	7.959	.25900	.23805	.21387	.22046	.27832	.23696	.26151	.23159	.15855	.26423
1.400	11.972	.21940	.20893	.19209	.19581	.27239	.23893	.25433	.23442	.24504	.25392
1.401	15.967	.17649	.18348	.16172	.18648	.24270	.18774	.22598	.19095	.22204	.23153
1.400	18.000	.15434	.16983	.15486	.17922	.22187	.16845	.19824	.15742	.20186	.22740
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
1.451	8.074	.20981	.24417	.18893	.22920	.27193	.23341	.25621	.23138	.11833	.28495
1.450	11.939	.17721	.21524	.17879	.20353	.26762	.22083	.25478	.22176	.13035	.25628
1.450	16.053	.16652	.17687	.15202	.17930	.22452	.18937	.21177	.19211	.19912	.23236
1.450	18.065	.14763	.17355	.14212	.17464	.20119	.16042	.17808	.14756	.19176	.22803
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (IVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.199	-3.797	-.37312	-.45889	-.06733	-.04771	-.02150	-.02589	-.02521	-.02518	-.04263	-.01353
.200	-1.827	-.24527	-.34153	-.04345	-.02609	.00433	-.00436	.00285	-.00510	-.00872	.01951
.199	.128	-.08500	-.20186	-.04657	-.02552	.01804	.01006	.02457	.01949	.00279	.03690
.200	2.188	-.01369	-.02664	-.03744	-.04032	.03664	.03089	.03953	.03952	.01794	.03880
.200	4.178	-.01178	-.01972	-.03992	-.05074	.03074	.01922	.04159	.03148	.01994	.03147
.201	6.184	.00402	-.00169	-.02097	-.03024	.05892	.04040	.06111	.05182	.04040	.05038
.200	8.191	-.01783	-.02504	-.04019	-.05172	.04844	.02757	.04200	.03478	.02469	.03621
.200	10.196	-.04643	-.05075	-.04573	-.05580	.04842	.03047	.05565	.04628	.01897	.02903
.201	12.206	-.05722	-.05794	-.05653	-.06368	.04847	.02492	.03564	.03206	.00634	.01921
.201	14.201	-.06763	-.07050	-.06338	-.07337	.03650	.01226	.01652	.00940	-.00844	.01084
.201	16.191	-.08075	-.08934	-.08079	-.08436	.01650	-.00495	-.00856	-.00854	-.03286	.00006
	GRADIENT	.04770	.05976	.00304	-.00104	.00684	.00628	.00852	.00790	.00759	.00545

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.249	-3.792	-.34117	-.43000	-.05013	-.02975	-.00494	-.00789	-.00648	-.00572	-.02538	.00304
.250	-1.773	-.21385	-.31577	-.02889	-.01226	.02028	.01088	.02098	.01665	.00942	.03472
.250	.184	-.06144	-.18222	-.03036	-.01011	.03546	.02534	.04197	.03691	.02027	.05136
.250	2.014	-.00184	-.01555	-.02350	-.02928	.04937	.03856	.05879	.05011	.03279	.05082
.250	4.008	.01317	.00525	-.01275	-.02427	.05561	.04124	.06573	.05852	.04844	.05850
.249	6.214	.01535	.00736	-.01009	-.02026	.06689	.04948	.06985	.06184	.05239	.06327
.249	8.120	.00790	-.00374	-.01612	-.03067	.06750	.04789	.06537	.05590	.04935	.05806
.249	10.135	-.02815	-.03683	-.02890	-.03982	.07154	.04973	.06869	.05920	.03445	.04318
.248	12.159	-.04378	-.05111	-.04088	-.04966	.06446	.03815	.05060	.04327	.02352	.03230
.248	14.153	-.05655	-.06022	-.05438	-.06317	.04593	.02032	.02470	.02105	.00420	.01740
.247	16.205	-.07089	-.07754	-.06281	-.07092	.03308	.00506	.00577	.00136	-.01634	.01391
	GRADIENT	.04756	.06030	.00415	-.00027	.00776	.00650	.00941	.00836	.00884	.00659

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (IVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.398	-3.955	-.35060	-.43247	-.04917	-.03207	-.00437	-.00622	-.00408	-.00624	-.02298	.00906
.398	-1.919	-.22173	-.31916	-.02951	-.01315	.01959	.01158	.01993	.01630	.00757	.03665
.399	.045	-.06130	-.17430	-.02982	-.00989	.03791	.02742	.04191	.03719	.02198	.05203
.400	2.049	-.00171	-.01687	-.02482	-.03132	.04879	.03870	.05459	.04808	.03256	.04951
.401	4.068	.01453	.00770	-.01245	-.02468	.05729	.04545	.06921	.05947	.04833	.05802
.401	6.054	.01023	.00519	-.01352	-.02540	.06559	.04656	.06709	.05807	.04980	.05842
.401	10.066	-.02872	-.03375	-.02659	-.04022	.07267	.04833	.06951	.05945	.03220	.04044
.401	14.041	-.05369	-.05477	-.04834	-.05838	.04920	.02483	.03020	.02411	.00546	.02304
.400	18.068	-.08941	-.10204	-.08620	-.08548	.00722	-.01875	-.03540	-.03680	-.03464	-.01261
	GRADIENT	.04745	.05906	.00391	-.00016	.00762	.00652	.00906	.00815	.00838	.00554

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (IVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.601	-1.984	-.22186	-.32538	-.02558	-.01249	.02386	.01456	.02885	.02127	.01473	.04486
.602	2.113	.00725	-.01470	-.01814	-.02518	.05353	.04567	.06182	.05579	.04276	.05920
.603	6.096	.02075	.01441	-.00703	-.02006	.07573	.05434	.07461	.06515	.05676	.06582
.603	10.092	-.01127	-.00291	-.02050	-.03211	.07711	.05069	.07343	.05957	.04045	.05768
.602	14.084	-.02532	-.03579	-.03855	-.05022	.04978	.02596	.03900	.02956	.02098	.03316
.600	18.076	-.07478	-.07858	-.04948	-.05517	.01308	-.01690	-.02091	-.02829	-.02622	-.00862
	GRADIENT	.05591	.07582	.00181	-.00310	.00724	.00759	.00805	.00842	.00684	.00350

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (IVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.701	-1.948	-.20390	-.30963	-.01648	-.00533	.03417	.02276	.03983	.02895	.02592	.05866
.703	2.092	.01822	-.00288	-.00686	-.01440	.06641	.05589	.07443	.06618	.05398	.07245
.702	6.062	.03453	.02946	.00642	-.00866	.08685	.06414	.08682	.07608	.06855	.07742
.701	10.088	.01521	.01287	-.00322	-.01944	.08786	.06014	.07751	.06510	.05947	.06838
.699	14.026	-.01279	-.01997	-.02756	-.04342	.06259	.03656	.04747	.03436	.03202	.04469
.696	18.000	-.06391	-.06656	-.05978	-.06311	.02336	-.00883	-.01775	-.02410	-.01398	.00214
	GRADIENT	.05499	.07594	.00238	-.00224	.00798	.00820	.00857	.00922	.00695	.00341

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (IVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.800	8.002	.05148	.04765	.02956	.01170	.11169	.08671	.10813	.09439	.09103	.10002
.800	12.022	.02713	.02690	.01218	-.00463	.10518	.07268	.09024	.07408	.07270	.08297
.800	16.027	-.01168	-.01389	-.02212	-.03185	.07053	.03790	.03965	.03327	.03582	.05109
.799	18.019	-.03766	-.03848	-.03490	-.04058	.04601	.01242	.00602	-.00208	.01079	.02760
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (IVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP33	CP34
.599	-4.003	-.40734	-.47655	-.04419	-.02526	-.00482	-.00194	-.00297	.00276	-.02337	.02676
.599	-1.912	-.24343	-.36020	-.01971	.00252	.02477	.02163	.02397	.02688	.00531	.05727
.599	.098	-.04053	-.15041	-.03125	-.00734	.04554	.03594	.04421	.04600	.01827	.06164
.599	2.071	.00385	-.00769	-.02488	-.02512	.05783	.04757	.05854	.05730	.03303	.05762
.600	4.096	.01439	.01192	-.01682	-.02252	.06930	.05429	.06935	.06411	.04526	.06252
.599	6.060	.01603	.01379	-.01170	-.02032	.07549	.05864	.07141	.06514	.04881	.06445
.600	8.066	.01076	.00807	-.01241	-.02322	.07710	.05743	.06970	.06056	.04607	.06209
.600	10.055	.00035	-.00112	-.01894	-.03011	.07403	.05065	.06594	.05634	.03894	.05432
.599	12.082	-.01518	-.01521	-.02939	-.03959	.06436	.03909	.05656	.04413	.02779	.04290
.598	14.035	-.03196	-.03447	-.03925	-.04858	.05022	.02579	.03891	.02971	.01367	.02848
.599	16.091	-.05139	-.05512	-.04580	-.05129	.02994	.00782	.01284	.00948	-.00515	.00850
	GRADIENT	.05416	.06588	.00247	-.00106	.00900	.00687	.00889	.00760	.00819	.00359

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (KVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.202	-3.800	-.30044	-.28202	-.28620	-.27731	-.25646	-.25568	-.27211	-.25953	-.26292	-.23877
.200	-1.769	-.32145	-.30420	-.31603	-.30849	-.29026	-.29098	-.29560	-.28430	-.29228	-.26616
.200	.186	-.32284	-.30646	-.32197	-.31599	-.30165	-.29483	-.29566	-.28443	-.29386	-.26868
.200	2.183	-.33167	-.31297	-.34061	-.33158	-.31568	-.31564	-.30363	-.29312	-.30258	-.27506
.201	4.203	-.33905	-.32349	-.35619	-.34722	-.32992	-.32988	-.30970	-.30002	-.31239	-.28658
.200	6.211	-.35432	-.33789	-.37461	-.36785	-.34966	-.34962	-.32249	-.31500	-.32519	-.30071
.200	8.188	-.36847	-.34907	-.39368	-.38121	-.36306	-.36000	-.33595	-.32321	-.33487	-.30744
.200	10.192	-.39316	-.37448	-.41873	-.41046	-.38697	-.38541	-.35828	-.34627	-.35492	-.33046
.200	12.199	-.40986	-.38964	-.43622	-.43021	-.40139	-.40134	-.37644	-.36290	-.36927	-.34176
.200	14.190	-.42239	-.40370	-.45026	-.44349	-.40558	-.40629	-.38442	-.37316	-.37421	-.34976
.200	16.206	-.44149	-.42579	-.46791	-.46493	-.41779	-.42457	-.40189	-.39515	-.38860	-.36865
.199	18.545	-.47275	-.45856	-.48627	-.48785	-.42694	-.43982	-.42775	-.42329	-.39922	-.38381
	GRADIENT	-.00439	-.00460	-.00825	-.00817	-.00854	-.00868	-.00418	-.00451	-.00548	-.00524

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (KVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.250	-3.994	-.30109	-.28187	-.28302	-.27443	-.25500	-.25353	-.27012	-.25798	-.26410	-.23648
.251	-1.991	-.30175	-.28336	-.29450	-.28740	-.26808	-.26519	-.27097	-.25890	-.26784	-.24467
.251	-.002	-.31514	-.29743	-.31574	-.30862	-.29213	-.29066	-.28501	-.27363	-.28758	-.26010
.252	2.006	-.31820	-.30133	-.32518	-.31883	-.30245	-.30099	-.28756	-.27626	-.28940	-.26354
.252	4.003	-.33341	-.31656	-.34607	-.33830	-.32477	-.32118	-.30138	-.28938	-.30534	-.27809
.252	6.015	-.34680	-.32927	-.36440	-.35806	-.33746	-.34096	-.31267	-.30282	-.31732	-.29296
.252	8.011	-.36006	-.34187	-.38115	-.37271	-.35568	-.35211	-.32672	-.31336	-.32923	-.30140
.249	10.215	-.37576	-.35423	-.39810	-.38800	-.36910	-.36398	-.33942	-.32500	-.33619	-.30985
.248	12.197	-.39439	-.37421	-.41976	-.41179	-.38769	-.38327	-.35785	-.34335	-.35240	-.32594
.248	14.193	-.41749	-.39590	-.44208	-.43268	-.40352	-.39983	-.38101	-.36654	-.37336	-.34260
.248	16.215	-.43584	-.41784	-.45830	-.45325	-.40723	-.41958	-.39341	-.38548	-.38137	-.35783
.248	18.193	-.45658	-.43864	-.47025	-.46666	-.41783	-.42214	-.41132	-.40414	-.38691	-.36635
.248	18.546	-.46157	-.44071	-.47233	-.46729	-.41479	-.41838	-.41411	-.40110	-.38533	-.36330
	GRADIENT	-.00406	-.00437	-.00784	-.00796	-.00870	-.00856	-.00396	-.00401	-.00520	-.00511

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.398	-3.921	-.30946	-.29076	-.29120	-.28434	-.26107	-.26067	-.27635	-.26444	-.26592	-.24235
.399	-1.992	-.31529	-.29910	-.30738	-.30196	-.28011	-.28046	-.28404	-.27281	-.27792	-.25611
.400	.004	-.32059	-.30449	-.32125	-.31509	-.29489	-.29485	-.28794	-.27754	-.28495	-.26132
.401	1.955	-.32989	-.31385	-.33633	-.33135	-.31200	-.31235	-.29697	-.28700	-.29552	-.27239
.402	4.038	-.34028	-.32581	-.35404	-.34714	-.33051	-.32931	-.30817	-.29745	-.30749	-.28324
.402	6.021	-.35212	-.33772	-.36852	-.36510	-.34508	-.34504	-.31630	-.30715	-.31484	-.29646
.402	8.027	-.37024	-.35355	-.39123	-.38436	-.36396	-.36238	-.33443	-.32376	-.33181	-.30962
.402	10.060	-.38912	-.37131	-.41237	-.40552	-.38092	-.37934	-.35181	-.33962	-.34611	-.32243
.403	12.046	-.40714	-.38823	-.43111	-.42466	-.39436	-.39278	-.36646	-.35429	-.35731	-.33523
.403	14.047	-.42736	-.40964	-.45089	-.44597	-.40963	-.41111	-.38791	-.37653	-.37837	-.35293
.404	16.044	-.44869	-.43219	-.46985	-.46724	-.41883	-.42221	-.40403	-.39460	-.38690	-.36689
.404	18.457	-.47714	-.46142	-.48764	-.48731	-.42594	-.43312	-.42637	-.41847	-.39552	-.37894
	GRADIENT	-.00384	-.00428	-.00779	-.00780	-.00860	-.00851	-.00386	-.00404	-.00507	-.00493

0A232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (KVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.600	-3.926	-.33123	-.31345	-.31133	-.30522	-.28175	-.27990	-.29385	-.28208	-.28311	-.26235
.600	-1.919	-.33533	-.31819	-.32541	-.31906	-.29804	-.29778	-.30127	-.28743	-.29209	-.27038
.600	.047	-.34386	-.32696	-.34191	-.33557	-.31457	-.31476	-.30641	-.29531	-.30178	-.28079
.600	2.062	-.35330	-.33572	-.35865	-.35231	-.33221	-.33080	-.31516	-.30452	-.31144	-.28977
.600	4.067	-.36634	-.34898	-.37875	-.37036	-.35116	-.34838	-.32634	-.31570	-.32443	-.30208
.601	6.039	-.37739	-.36058	-.39109	-.38637	-.36409	-.36201	-.33397	-.32565	-.33070	-.31212
.602	8.092	-.39741	-.37857	-.41519	-.40797	-.38343	-.37975	-.35194	-.34045	-.34481	-.32624
.599	10.057	-.41680	-.39716	-.43607	-.42881	-.40089	-.39902	-.37056	-.35808	-.36290	-.34011
.600	12.033	-.43805	-.41795	-.45732	-.45166	-.41642	-.41545	-.38904	-.37770	-.37566	-.35584
.599	14.076	-.46181	-.44166	-.47929	-.47339	-.43116	-.43134	-.41059	-.39899	-.39486	-.37180
.598	16.041	-.48579	-.46720	-.50173	-.49765	-.44306	-.44577	-.43069	-.42159	-.40960	-.38900
.599	18.555	-.52125	-.50303	-.52335	-.52090	-.45231	-.45659	-.45830	-.45018	-.41907	-.40160
	GRADIENT	-.00442	-.00444	-.00842	-.00819	-.00866	-.00851	-.00395	-.00422	-.00511	-.00495

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.698	-4.032	-.34481	-.32595	-.32300	-.31514	-.29118	-.28811	-.30196	-.29027	-.28891	-.26925
.700	-1.862	-.34972	-.33216	-.33910	-.33208	-.30924	-.30819	-.30927	-.29824	-.30232	-.28095
.702	.106	-.35707	-.33922	-.35494	-.34696	-.32587	-.32342	-.31468	-.30413	-.31017	-.28915
.702	2.124	-.36731	-.34964	-.37140	-.36462	-.34328	-.34163	-.32343	-.31486	-.32051	-.29986
.702	4.128	-.38011	-.36169	-.38959	-.38142	-.35915	-.35710	-.33455	-.32422	-.33183	-.31067
.702	6.108	-.39309	-.37601	-.40603	-.40064	-.37606	-.37441	-.34413	-.33717	-.34079	-.32336
.701	8.109	-.41528	-.39520	-.43082	-.42263	-.39503	-.39237	-.36351	-.35354	-.35714	-.33713
.701	10.053	-.43877	-.41692	-.45468	-.44590	-.41633	-.41327	-.38365	-.37310	-.37306	-.35309
.700	12.059	-.46498	-.44284	-.48076	-.47355	-.43597	-.43471	-.40617	-.39617	-.38925	-.37124
.698	14.072	-.49377	-.47124	-.50732	-.49971	-.45406	-.45280	-.43051	-.42032	-.40955	-.38773
.697	16.054	-.52270	-.50149	-.53367	-.52866	-.47000	-.47177	-.45200	-.44480	-.42483	-.40717
.700	18.597	-.57162	-.55055	-.56860	-.56806	-.49216	-.49856	-.48838	-.48386	-.44359	-.42908
	GRADIENT	-.00433	-.00437	-.00814	-.00813	-.00837	-.00845	-.00390	-.00416	-.00513	-.00501

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (KVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.797	-4.033	-.35267	-.33329	-.33169	-.32240	-.29785	-.29544	-.30612	-.29448	-.29394	-.27460
.800	-1.961	-.35822	-.33751	-.34646	-.33633	-.31357	-.31208	-.31124	-.29986	-.30277	-.28230
.801	.024	-.36894	-.34770	-.36609	-.35613	-.33501	-.33297	-.31887	-.30841	-.31330	-.29211
.802	1.998	-.38639	-.36494	-.39244	-.38266	-.36478	-.36219	-.33043	-.32177	-.32648	-.30637
.799	4.038	-.41203	-.38974	-.42580	-.41706	-.40036	-.39976	-.34860	-.34063	-.34589	-.32716
.799	5.997	-.43746	-.42031	-.45762	-.45676	-.43639	-.44457	-.37073	-.36770	-.36873	-.35406
.799	8.010	-.47249	-.45223	-.49652	-.49493	-.47343	-.48400	-.40512	-.40082	-.40163	-.38515
.799	10.015	-.51369	-.49244	-.54542	-.54293	-.52335	-.53059	-.44700	-.44327	-.43965	-.42604
.798	11.997	-.54948	-.52932	-.58511	-.59011	-.56409	-.57225	-.48741	-.48514	-.47363	-.46313
.799	14.004	-.59575	-.56079	-.60614	-.61973	-.58549	-.60991	-.52616	-.52427	-.50577	-.49295
.799	15.993	-.65866	-.59856	-.64638	-.64518	-.59928	-.62459	-.55499	-.55676	-.52602	-.51543
.800	17.991	-.70472	-.63535	-.69864	-.67335	-.62673	-.64035	-.58099	-.58569	-.53851	-.52684
	GRADIENT	-.00730	-.00697	-.01164	-.01172	-.01274	-.01287	-.00518	-.00568	-.00635	-.00642

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (KVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.599	-3.401	-.32981	-.31554	-.31501	-.30886	-.28703	-.28356	-.29418	-.28438	-.28518	-.26403
.598	-1.403	-.33737	-.32151	-.33106	-.32353	-.30401	-.30100	-.30061	-.28922	-.29620	-.27232
.599	.646	-.34653	-.32978	-.34801	-.33958	-.32169	-.31867	-.30913	-.29730	-.30517	-.28202
.599	2.654	-.35677	-.33959	-.36464	-.35668	-.33835	-.33534	-.31850	-.30669	-.31660	-.29189
.599	4.671	-.37108	-.35360	-.38381	-.37559	-.35717	-.35299	-.33079	-.31892	-.32978	-.30451
.600	6.702	-.38703	-.36646	-.40151	-.39220	-.37137	-.36653	-.34377	-.32923	-.33774	-.31469
	GRADIENT	-.00505	-.00466	-.00847	-.00825	-.00864	-.00857	-.00451	-.00428	-.00542	-.00498

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (KVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.402	8.090	-.37358	-.35571	-.39421	-.38580	-.36768	-.36417	-.33811	-.32511	-.33701	-.31134
.402	10.029	-.38873	-.36936	-.41124	-.40284	-.37937	-.37587	-.34985	-.33649	-.34529	-.32044
.398	12.103	-.40886	-.38951	-.43181	-.42520	-.39657	-.39261	-.36804	-.35598	-.35751	-.33687
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.205	-1.736	-.33581	-.31943	-.31954	-.32725	-.30090	-.30676	-.30698	-.29852	-.29535	-.28035
.203	.234	-.33932	-.30791	-.34587	-.33900	-.31426	-.31812	-.30784	-.30132	-.30230	-.28490
.201	2.291	-.35474	-.33559	-.35285	-.35655	-.33348	-.31815	-.33123	-.31173	-.32347	-.29286
.199	4.149	-.37270	-.35314	-.37734	-.38547	-.35318	-.35719	-.32900	-.32002	-.32980	-.31168
.198	6.163	-.38560	-.36384	-.39463	-.39836	-.37702	-.37881	-.35063	-.34163	-.34491	-.32674
.199	8.167	-.39637	-.37909	-.41189	-.41774	-.39655	-.38961	-.36594	-.35480	-.35811	-.33783
.199	10.177	-.41113	-.39162	-.43109	-.43911	-.40696	-.40653	-.37624	-.36942	-.36842	-.35242
.200	12.191	-.43066	-.40918	-.44827	-.45403	-.41788	-.41528	-.38529	-.37638	-.37540	-.35739
.200	14.188	-.44788	-.42226	-.46538	-.47107	-.43305	-.43689	-.39424	-.40041	-.39520	-.37943
.200	16.186	-.46904	-.45415	-.48873	-.50082	-.43700	-.44084	-.41750	-.42150	-.40991	-.38763
	GRADIENT	-.00638	-.00653	-.00912	-.00972	-.00892	-.00760	-.00458	-.00380	-.00634	-.00514

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.249	-1.876	-.07884	-.07459	-.07377	-.07594	-.06228	-.06658	-.06158	-.06160	-.06364	-.05946
.252	.057	-.08538	-.07978	-.08251	-.08464	-.07120	-.07614	-.06768	-.06770	-.06900	-.06702
.250	1.995	-.08075	-.07437	-.08428	-.08287	-.07141	-.07355	-.06213	-.06001	-.06561	-.06289
.250	4.120	-.08829	-.08188	-.09040	-.09329	-.07963	-.08321	-.06887	-.06745	-.07451	-.06891
.249	6.124	-.09558	-.08988	-.10131	-.10060	-.08833	-.09192	-.07537	-.07540	-.07816	-.07398
.250	8.170	-.10208	-.09355	-.10490	-.10564	-.09200	-.09557	-.07983	-.07843	-.08331	-.07988
.250	10.164	-.11108	-.10398	-.11606	-.11822	-.10314	-.10600	-.09024	-.08812	-.09229	-.08743
.250	12.193	-.11552	-.10843	-.12120	-.12408	-.10688	-.11044	-.09400	-.09331	-.09604	-.09119
.250	14.177	-.11702	-.11064	-.12343	-.12775	-.10621	-.11050	-.09475	-.09477	-.09606	-.09122
.251	15.988	-.12514	-.11740	-.12936	-.13365	-.11157	-.11511	-.10163	-.10166	-.09937	-.09528
	GRADIENT	-.00120	-.00084	-.00259	-.00254	-.00263	-.00238	-.00083	-.00051	-.00148	-.00122

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.396	-3.998	-.31507	-.29506	-.29636	-.29821	-.26550	-.26402	-.28079	-.27466	-.26847	-.24898
.397	-1.853	-.32102	-.30460	-.31299	-.31717	-.28574	-.28660	-.28800	-.28070	-.27928	-.26218
.398	.077	-.32870	-.31120	-.33011	-.33189	-.30301	-.30385	-.29585	-.28624	-.29191	-.27371
.398	2.150	-.33724	-.31862	-.34569	-.34744	-.32217	-.32065	-.30449	-.29724	-.29941	-.28124
.399	4.000	-.34713	-.32969	-.36027	-.36317	-.33558	-.33521	-.31438	-.30947	-.31167	-.29465
.399	6.023	-.36204	-.34234	-.38098	-.37918	-.35055	-.34783	-.32125	-.31635	-.32091	-.29927
.399	8.015	-.37675	-.35936	-.39924	-.39857	-.36758	-.36308	-.33823	-.33215	-.33325	-.31155
.399	10.050	-.39604	-.37747	-.42207	-.42020	-.38453	-.38295	-.34813	-.34438	-.34785	-.32845
.400	12.038	-.41333	-.39949	-.44163	-.43973	-.39954	-.39910	-.37141	-.36415	-.35949	-.34013
.400	14.016	-.43090	-.41589	-.45922	-.45963	-.41127	-.41316	-.39013	-.38402	-.37475	-.35419
.399	16.046	-.45484	-.43746	-.47857	-.48245	-.42465	-.42769	-.40695	-.40666	-.38923	-.37210
	GRADIENT	-.00401	-.00416	-.00803	-.00801	-.00884	-.00883	-.00418	-.00429	-.00532	-.00552

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.597	-3.912	-.32669	-.30905	-.30539	-.30173	-.27580	-.27510	-.29147	-.27960	-.27842	-.25915
.598	-1.986	-.33090	-.31367	-.31856	-.31474	-.29159	-.29139	-.29565	-.28332	-.28565	-.26714
.599	.064	-.33926	-.32271	-.33596	-.33148	-.30950	-.31047	-.30334	-.29186	-.29719	-.27651
.599	2.044	-.35054	-.33379	-.35427	-.34878	-.32776	-.32772	-.31420	-.30219	-.30853	-.28748
.600	4.048	-.36205	-.34502	-.36977	-.36514	-.34385	-.34248	-.32333	-.31169	-.31867	-.29838
.600	6.067	-.37693	-.35862	-.38897	-.38351	-.36128	-.35940	-.33496	-.32353	-.33131	-.31059
.600	8.052	-.39343	-.37477	-.40882	-.40319	-.37741	-.37520	-.35022	-.33827	-.34321	-.32314
.599	10.064	-.41335	-.39430	-.42997	-.42482	-.39409	-.39304	-.36764	-.35566	-.35640	-.33763
.599	12.054	-.43532	-.41578	-.45177	-.44847	-.41002	-.41131	-.38676	-.37511	-.37064	-.35407
.599	14.089	-.45623	-.43740	-.47382	-.47019	-.42527	-.42723	-.40774	-.39611	-.38845	-.36890
.598	16.036	-.48225	-.46301	-.49569	-.49306	-.43904	-.44017	-.42749	-.41700	-.40458	-.38414
	GRADIENT	-.00453	-.00462	-.00825	-.00806	-.00864	-.00858	-.00413	-.00417	-.00518	-.00495

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.699	-1.948	-.09636	-.09090	-.09217	-.09205	-.08099	-.08153	-.08169	-.07936	-.07869	-.07372
.700	.086	-.09974	-.09401	-.09859	-.09737	-.08742	-.08769	-.08440	-.08222	-.08279	-.07728
.701	2.068	-.10319	-.09693	-.10397	-.10302	-.09325	-.09351	-.08763	-.08532	-.08643	-.08066
.701	4.043	-.10796	-.10157	-.11038	-.10889	-.09926	-.09897	-.09157	-.08926	-.09010	-.08489
.702	6.053	-.11335	-.10644	-.11686	-.11592	-.10522	-.10480	-.09552	-.09335	-.09431	-.08900
.702	8.087	-.12007	-.11357	-.12413	-.12318	-.11098	-.11110	-.10100	-.09898	-.09870	-.09325
.701	10.054	-.12723	-.12045	-.13198	-.13104	-.11757	-.11756	-.10730	-.10513	-.10334	-.09844
.700	12.048	-.13674	-.12927	-.14108	-.14027	-.12543	-.12610	-.11543	-.11326	-.10954	-.10492
.699	14.091	-.14652	-.13890	-.15128	-.15075	-.13311	-.13433	-.12391	-.12229	-.11662	-.11186
.698	16.021	-.15683	-.15003	-.16022	-.16134	-.13953	-.14158	-.13182	-.13130	-.12300	-.11850
	GRADIENT	-.00192	-.00175	-.00301	-.00281	-.00304	-.00291	-.00165	-.00164	-.00190	-.00185

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.800	-1.928	-.35486	-.33274	-.34190	-.33751	-.30844	-.30810	-.30798	-.29907	-.29621	-.28034
.800	.088	-.36702	-.34453	-.36310	-.35763	-.33100	-.32995	-.31766	-.30874	-.30695	-.29000
.800	1.962	-.38484	-.35994	-.38859	-.38239	-.36033	-.35786	-.32926	-.32103	-.32172	-.30441
.799	3.918	-.41302	-.38675	-.42652	-.41818	-.40105	-.39680	-.35018	-.34299	-.34374	-.32640
.800	5.929	-.45022	-.42193	-.47241	-.46471	-.45148	-.44996	-.38158	-.37542	-.37627	-.35994
.800	7.964	-.48732	-.45830	-.51825	-.51220	-.50006	-.50231	-.41790	-.41274	-.41266	-.39763
.800	9.998	-.51823	-.49686	-.55926	-.56078	-.54627	-.54952	-.45680	-.45439	-.44852	-.43517
.800	11.984	-.55635	-.52873	-.57795	-.59334	-.56878	-.58590	-.49316	-.49108	-.47765	-.46806
.800	13.984	-.62093	-.56690	-.61336	-.62036	-.57670	-.60598	-.52608	-.52711	-.50123	-.49229
.800	16.014	-.68008	-.60654	-.67776	-.66034	-.60487	-.62858	-.55630	-.56252	-.52523	-.51625
	GRADIENT	-.00989	-.00913	-.01438	-.01373	-.01581	-.01513	-.00711	-.00741	-.00810	-.00785

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.850	-1.986	-.23767	-.21407	-.26349	-.25073	-.27186	-.26055	-.27339	-.26281	-.26335	-.24629
.850	-.060	-.24042	-.21781	-.25876	-.24763	-.28140	-.26910	-.28356	-.27234	-.28006	-.26135
.850	1.941	-.31394	-.27223	-.30995	-.27478	-.30858	-.29010	-.30068	-.29237	-.30372	-.28465
.850	3.959	-.44120	-.36135	-.42628	-.35602	-.39022	-.34418	-.32823	-.32282	-.33685	-.32260
.850	5.921	-.62146	-.49434	-.60180	-.48820	-.53263	-.44952	-.36723	-.36438	-.38503	-.37393
.850	7.977	-.67825	-.58584	-.69978	-.61098	-.63742	-.57430	-.42281	-.42834	-.44593	-.44672
.850	9.994	-.68959	-.62278	-.71826	-.65208	-.66529	-.61897	-.45909	-.46654	-.48035	-.48496
.850	12.000	-.72613	-.67386	-.74252	-.69308	-.68042	-.64604	-.47179	-.47891	-.48951	-.49346
.850	13.998	-.75099	-.71431	-.76350	-.72539	-.69592	-.67060	-.49679	-.49418	-.50547	-.50097
.850	16.000	-.76284	-.73003	-.76855	-.73753	-.69607	-.67915	-.55288	-.53921	-.54481	-.52855
.850	18.007	-.78706	-.75526	-.77917	-.74719	-.69995	-.68078	-.60482	-.59501	-.58292	-.56693
	GRADIENT	-.03463	-.02512	-.02734	-.01739	-.01935	-.01376	-.00918	-.01011	-.01233	-.01274

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.902	-3.966	-.76928	-.74643	-.73230	-.71694	-.68837	-.68238	-.62295	-.64838	-.55502	-.57135
.903	-2.086	-.80847	-.78616	-.78424	-.77210	-.74315	-.74116	-.70665	-.70982	-.65783	-.66044
.902	-.097	-.84681	-.82280	-.84793	-.83238	-.80360	-.80020	-.75634	-.75250	-.74092	-.73120
.898	1.907	-.87494	-.85112	-.91737	-.89651	-.86970	-.86194	-.79420	-.79448	-.79921	-.79053
.900	3.946	-.88913	-.86891	-.96853	-.94954	-.93456	-.92038	-.83192	-.83040	-.83639	-.83260
.900	5.975	-.89481	-.87703	.00000	.00000	.00000	.00000	-.89250	-.88607	-.87985	-.87542
.899	7.994	-.89596	-.88741	.00000	.00000	.00000	.00000	-.93610	-.93390	-.94691	-.93089
.896	10.011	-.90482	-.89826	.00000	.00000	.00000	.00000	-.97713	-.97008	.00000	.00000
.901	12.003	-.90067	-.89435	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
.898	14.024	-.90921	-.90085	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
.895	15.974	-.91602	-.90571	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
.896	18.011	-.91455	-.90304	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.01541	-.01561	-.03056	-.02975	-.03125	-.03011	-.02544	-.02261	-.03543	-.03286

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.949	-1.976	-.74892	-.72898	-.72547	-.71624	-.68404	-.68218	-.67024	-.67555	-.65538	-.65446
.950	-.019	-.77391	-.75509	-.77792	-.76887	-.73348	-.73244	-.70431	-.70643	-.70398	-.69806
.950	1.978	-.79276	-.77630	-.83718	-.82518	-.79139	-.78655	-.74266	-.74244	-.74531	-.73731
.951	3.955	-.80857	-.79006	-.87707	-.86672	-.85317	-.84218	-.79219	-.78472	-.78570	-.77674
.950	6.019	-.81484	-.80239	-.91991	-.90399	-.92462	-.90488	-.84271	-.83982	-.83661	-.82351
.949	7.955	-.81971	-.80815	-.94685	-.93121	-.98449	-.96934	-.87584	-.87553	-.90515	-.88530
.949	9.976	-.81869	-.81223	-.96233	-.95301	-1.03724	-1.02810	-.90227	-.89819	-.96032	-.95163
.950	12.045	-.82052	-.81589	-.97707	-.97119	-1.07908	-1.06817	-.91906	-.91872	-1.00200	-.98833
.950	13.979	-.82364	-.81641	-.98838	-.98278	-1.10953	-1.10147	-.93871	-.93721	-1.02956	-1.01960
.949	16.000	-.82196	-.81443	-.99556	-.99138	-1.12986	-1.13102	-.95422	-.95501	-1.01998	-1.04533
.949	17.985	-.82178	-.81193	-1.00479	-1.00060	-1.14586	-1.15163	-.97499	-.97490	-1.05362	-1.06850
	GRADIENT	-.00999	-.01033	-.02598	-.02566	-.02857	-.02699	-.02043	-.01837	-.02184	-.02052

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.978	-1.925	-.69939	-.68502	-.67852	-.67014	-.64016	-.63894	-.63826	-.64175	-.62827	-.62402
.981	-.047	-.71754	-.70290	-.72702	-.71941	-.68305	-.68178	-.65923	-.66102	-.65829	-.65287
.980	1.955	-.73927	-.72576	-.78135	-.77141	-.73933	-.73492	-.70005	-.69957	-.69836	-.69371
.981	3.974	-.75386	-.73787	-.81913	-.81055	-.79933	-.78871	-.74975	-.74111	-.74004	-.73167
.979	6.033	-.76547	-.75253	-.86296	-.84812	-.87007	-.84897	-.79898	-.79451	-.79668	-.78258
.980	8.012	-.76591	-.75579	-.88574	-.87172	-.92259	-.91015	-.82829	-.82491	-.85755	-.83774
.979	9.979	-.76621	-.76030	-.90270	-.89341	-.97187	-.96330	-.85053	-.84742	-.90491	-.89709
.980	12.042	-.76670	-.76079	-.91498	-.90819	-1.00857	-.99772	-.86449	-.86446	-.93972	-.92790
.979	13.949	-.76941	-.76433	-.92711	-.92142	-1.03455	-1.02957	-.88134	-.88242	-.92007	-.95944
.975	16.022	-.77442	-.76820	-.94041	-.93751	-1.04916	-1.06699	-.90263	-.90427	-.93053	-.99124
.980	18.030	-.76675	-.75751	-.94015	-.93698	-1.07222	-1.07867	-.91361	-.91411	-.99511	-1.00421
	GRADIENT	-.00939	-.00920	-.02415	-.02400	-.02712	-.02552	-.01910	-.01713	-.01908	-.01848

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.051	-1.965	-.59348	-.57742	-.57555	-.56783	-.53490	-.53346	-.54181	-.54439	-.53364	-.52763
1.048	.092	-.61474	-.60131	-.62999	-.62158	-.58685	-.58446	-.57271	-.57765	-.57113	-.56711
1.050	1.953	-.63065	-.61665	-.66842	-.66202	-.63390	-.62940	-.60762	-.60957	-.60137	-.59849
1.049	3.969	-.64347	-.63123	-.70415	-.69917	-.69450	-.68341	-.65985	-.65436	-.64510	-.63916
1.051	6.022	-.64654	-.63729	-.73697	-.72367	-.75071	-.73634	-.69247	-.69199	-.70066	-.68221
1.050	8.021	-.65405	-.64362	-.75995	-.74868	-.79738	-.79154	-.72281	-.71876	-.75511	-.74099
1.050	9.992	-.65385	-.64697	-.77540	-.76677	-.84302	-.83476	-.73560	-.73569	-.79432	-.78369
1.049	12.003	-.65452	-.64852	-.78930	-.78242	-.87895	-.86916	-.75003	-.75100	-.82193	-.81184
1.049	14.001	-.65321	-.64780	-.79744	-.79203	-.90456	-.89712	-.76232	-.76269	-.84226	-.83421
1.049	16.023	-.65119	-.64667	-.80173	-.79986	-.92521	-.92190	-.77489	-.77377	-.85728	-.85186
1.047	18.007	-.65213	-.64523	-.80882	-.80635	-.94198	-.94072	-.78728	-.78912	-.87606	-.86942
	GRADIENT	-.00844	-.00900	-.02159	-.02211	-.02674	-.02517	-.01978	-.01840	-.01855	-.01862

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.102	-4.231	-.46989	-.45513	-.43332	-.42586	-.40054	-.39703	-.42800	-.42967	-.40252	-.39895
1.097	-3.821	-.48296	-.46645	-.44794	-.44129	-.41477	-.41263	-.44034	-.44003	-.41790	-.41316
1.100	-1.932	-.50594	-.48974	-.48878	-.48094	-.45141	-.44924	-.46056	-.46193	-.45094	-.44389
1.101	.131	-.52399	-.50921	-.53707	-.52943	-.49628	-.49350	-.48679	-.48927	-.48345	-.47888
1.099	2.006	-.54463	-.52987	-.57970	-.57257	-.54685	-.54262	-.52552	-.52572	-.51916	-.51482
1.098	4.060	-.55561	-.54280	-.61202	-.60736	-.60226	-.59485	-.57321	-.56744	-.56184	-.55402
1.098	6.010	-.56301	-.55245	-.64747	-.63484	-.65808	-.64694	-.60919	-.60764	-.61491	-.59963
1.099	8.012	-.57004	-.55980	-.67148	-.65885	-.70378	-.69855	-.63781	-.63314	-.66536	-.65257
1.098	9.988	-.57325	-.56411	-.68938	-.67895	-.74919	-.74306	-.65420	-.65262	-.70425	-.69617
1.098	12.021	-.57455	-.56542	-.70248	-.69373	-.78063	-.77390	-.66844	-.66883	-.73238	-.72340
1.098	14.008	-.57569	-.56602	-.71242	-.70452	-.80679	-.80089	-.68211	-.68080	-.75303	-.74657
1.097	15.982	-.57389	-.56759	-.71686	-.71374	-.82643	-.82360	-.69270	-.69251	-.76975	-.76438
1.098	18.027	-.57194	-.56366	-.71937	-.71709	-.84161	-.84046	-.70313	-.70435	-.78640	-.78129
	GRADIENT	-.01015	-.01046	-.02179	-.02201	-.02379	-.02332	-.01658	-.01600	-.01848	-.01821

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-4.230	-.43155	-.41535	-.39610	-.38798	-.36137	-.35877	-.38949	-.38950	-.36935	-.36339
1.150	-2.009	-.45797	-.43875	-.44361	-.43764	-.40420	-.40267	-.41624	-.41788	-.40672	-.39987
1.150	.011	-.47370	-.46001	-.48789	-.47991	-.44760	-.44464	-.44190	-.44575	-.43632	-.43163
1.151	2.027	-.49073	-.47318	-.52375	-.51848	-.49511	-.49072	-.47944	-.48021	-.47006	-.46587
1.151	4.114	-.49891	-.48718	-.55522	-.54824	-.54706	-.53819	-.52250	-.52048	-.51017	-.50397
1.149	5.708	-.50582	-.49684	-.58492	-.57457	-.59754	-.59000	-.55521	-.55593	-.56267	-.55026
1.149	8.003	-.51053	-.50212	-.60319	-.59392	-.63686	-.63398	-.57929	-.57530	-.60457	-.59875
1.150	10.080	-.50933	-.50037	-.61743	-.60786	-.67599	-.66976	-.58801	-.58650	-.63882	-.63211
1.149	12.084	-.51107	-.50210	-.63018	-.62169	-.70688	-.69978	-.59876	-.59807	-.66164	-.65571
1.151	14.054	-.50613	-.49493	-.63439	-.62618	-.72746	-.72172	-.60630	-.60699	-.67586	-.66963
1.150	16.024	-.50158	-.49483	-.63618	-.63212	-.74453	-.74128	-.61286	-.61382	-.68727	-.68352
1.151	18.060	-.49677	-.49029	-.63267	-.63165	-.75585	-.75424	-.61983	-.62107	-.69714	-.69282
	GRADIENT	-.00810	-.00860	-.01924	-.01938	-.02229	-.02156	-.01587	-.01564	-.01665	-.01675

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.200	-4.090	-.39372	-.37853	-.36105	-.35325	-.32518	-.32379	-.35794	-.35234	-.33959	-.32979
1.197	-1.857	-.41321	-.40053	-.40503	-.39848	-.36601	-.36560	-.38014	-.38177	-.36977	-.36351
1.201	.004	-.42476	-.41194	-.43867	-.43160	-.40344	-.40241	-.40151	-.40566	-.39402	-.39133
1.198	2.104	-.44220	-.42872	-.47418	-.46936	-.45513	-.44994	-.44390	-.44310	-.43176	-.42911
1.203	4.006	-.44495	-.43592	-.49811	-.49132	-.49549	-.48859	-.47565	-.47269	-.46765	-.46073
1.202	6.042	-.45193	-.44444	-.52338	-.51434	-.53923	-.53458	-.50281	-.50239	-.51522	-.50305
1.201	8.046	-.45614	-.44992	-.54171	-.53376	-.57755	-.57604	-.52682	-.52010	-.55459	-.54743
1.199	10.042	-.46041	-.45228	-.55868	-.54991	-.61494	-.60991	-.53819	-.53426	-.58733	-.57768
1.203	12.036	-.45485	-.44755	-.56454	-.55714	-.63877	-.63276	-.54148	-.53765	-.60059	-.59358
1.201	14.011	-.45221	-.44255	-.57177	-.56436	-.66213	-.65782	-.54923	-.54494	-.61560	-.60933
1.200	16.020	-.44472	-.43640	-.57507	-.56864	-.67978	-.67664	-.55439	-.55010	-.62508	-.61772
1.200	18.002	-.44563	-.43722	-.57359	-.56816	-.69170	-.68829	-.56022	-.55674	-.62845	-.62272
	GRADIENT	-.00655	-.00712	-.01706	-.01725	-.02131	-.02053	-.01482	-.01498	-.01577	-.01625

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.299	-1.931	-.35451	-.34075	-.35360	-.34580	-.31706	-.31441	-.33922	-.32915	-.32324	-.30845
1.299	-.060	-.36824	-.34900	-.38152	-.37252	-.35395	-.34694	-.36193	-.35272	-.34542	-.33350
1.299	1.936	-.37622	-.35663	-.40781	-.39730	-.39263	-.38237	-.38931	-.38006	-.37631	-.36343
1.300	4.028	-.38254	-.36241	-.43146	-.41775	-.43455	-.42166	-.41616	-.40951	-.41747	-.39961
1.299	5.939	-.38590	-.36582	-.44713	-.43400	-.46349	-.45579	-.42983	-.42752	-.44738	-.43355
1.300	7.974	-.38725	-.36713	-.46422	-.44873	-.49825	-.48849	-.44688	-.44252	-.47957	-.46914
1.299	9.940	-.38471	-.36835	-.47530	-.46066	-.52670	-.51691	-.45390	-.45185	-.50141	-.49122
1.300	12.007	-.38406	-.36630	-.48196	-.46993	-.54913	-.54077	-.46263	-.46058	-.51583	-.51113
1.300	13.936	-.38189	-.36671	-.48819	-.47990	-.56722	-.56115	-.46914	-.46246	-.52990	-.52083
1.299	15.981	-.37095	-.36212	-.49005	-.48349	-.58303	-.57867	-.46896	-.45940	-.53817	-.52706
1.301	17.985	-.37113	-.36229	-.48767	-.47938	-.59283	-.58586	-.46831	-.46163	-.53233	-.52990
	GRADIENT	-.00461	-.00365	-.01306	-.01208	-.01968	-.01798	-.01300	-.01351	-.01582	-.01529

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.400	-3.954	-.27458	-.26291	-.26415	-.25856	-.22880	-.22941	-.26572	-.26295	-.24366	-.23574
1.400	-1.985	-.29123	-.27732	-.29343	-.28781	-.26106	-.26135	-.28383	-.28991	-.26476	-.26341
1.399	-.031	-.30087	-.29036	-.31514	-.31462	-.29785	-.29525	-.31581	-.31187	-.30078	-.29075
1.400	1.958	-.31132	-.29483	-.34045	-.33332	-.33665	-.32801	-.33052	-.33687	-.32273	-.32242
1.399	3.976	-.31484	-.30322	-.36174	-.35343	-.36738	-.36414	-.35294	-.35985	-.35553	-.35658
1.400	5.945	-.31947	-.30641	-.37525	-.36663	-.39291	-.39165	-.37217	-.37334	-.38656	-.38613
1.401	8.006	-.31299	-.30479	-.38826	-.37791	-.42139	-.41752	-.38231	-.38204	-.41280	-.40917
1.399	9.955	-.31599	-.30521	-.39961	-.38981	-.44881	-.44290	-.39422	-.38765	-.43308	-.42799
1.401	11.966	-.31250	-.30602	-.40650	-.39955	-.46920	-.46414	-.39910	-.39224	-.44863	-.44006
1.401	14.006	-.31279	-.30601	-.40908	-.40728	-.48469	-.48189	-.39939	-.39567	-.45495	-.44952
1.400	15.969	-.30929	-.30281	-.41294	-.40998	-.49591	-.49626	-.40153	-.39696	-.46307	-.45763
1.399	18.004	-.30740	-.30780	-.40690	-.40710	-.50665	-.50384	-.39895	-.40067	-.46097	-.45841
	GRADIENT	-.00508	-.00495	-.01223	-.01187	-.01781	-.01697	-.01116	-.01216	-.01423	-.01519

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.548	-3.916	-.21494	-.20134	-.20684	-.19790	-.18310	-.17685	-.21246	-.21431	-.19086	-.18839
1.549	-1.929	-.22601	-.22118	-.22910	-.22881	-.21147	-.21514	-.24422	-.24418	-.22564	-.22258
1.550	.009	-.23988	-.23178	-.25299	-.25049	-.24265	-.24568	-.26580	-.26248	-.25257	-.24606
1.551	2.017	-.24921	-.24006	-.27425	-.26784	-.27394	-.27581	-.28780	-.28385	-.28458	-.27853
1.552	4.012	-.25563	-.24585	-.29205	-.28332	-.30345	-.30035	-.29578	-.29004	-.30415	-.29518
1.551	6.030	-.25646	-.24288	-.30597	-.29334	-.32887	-.32398	-.31044	-.30713	-.33061	-.32367
1.550	8.072	-.25440	-.24779	-.31374	-.30713	-.34530	-.34547	-.31842	-.31586	-.34639	-.34138
1.549	10.056	-.25412	-.24592	-.32000	-.31413	-.36286	-.36388	-.32068	-.31874	-.35519	-.35241
1.548	12.088	-.24977	-.24527	-.32456	-.31953	-.37979	-.38091	-.32703	-.32393	-.36872	-.36321
1.547	14.077	-.25294	-.24146	-.33240	-.32462	-.39706	-.39532	-.33033	-.32512	-.37742	-.37086
1.548	16.089	-.24776	-.23702	-.33296	-.32540	-.40548	-.40448	-.33004	-.32294	-.38079	-.37318
	GRADIENT	-.00528	-.00544	-.01088	-.01059	-.01531	-.01553	-.01061	-.00965	-.01442	-.01361

0A232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (KVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.899	-3.948	-.77042	-.74979	-.73818	-.72031	-.68495	-.68137	-.51234	-.53392	-.46012	-.45375
.901	-2.075	-.81263	-.78943	-.78932	-.77605	-.75067	-.74565	-.67755	-.69066	-.60543	-.61223
.902	-.043	-.84986	-.82694	-.85040	-.83572	-.80978	-.80477	-.74792	-.75014	-.71772	-.71070
.899	1.912	-.87456	-.85360	-.91920	-.89766	-.87179	-.86365	-.78592	-.79146	-.78747	-.78112
.901	4.013	-.89086	-.87119	-.96937	-.95425	-.93953	-.92544	-.82625	-.83097	-.83269	-.83012
.901	5.955	-.89588	-.87950	-1.00402	-.99056	-1.00588	-.98992	-.88539	-.88456	-.87944	-.87467
.900	7.975	-.89780	-.88924	-1.03880	-1.02285	-1.08226	-1.06463	-.93591	-.93880	-.96038	-.94025
.899	9.994	-.90138	-.89735	-1.05809	-1.04913	-1.13361	-1.12976	-.97257	-.97052	-1.03375	-.96331
.898	12.001	-.90745	-.90280	-1.07776	-1.07271	-1.18551	-1.17938	-1.00053	-1.00138	-1.08910	-.82944
.896	13.988	-.91391	-.90572	-1.09384	-1.08837	-1.22561	-1.22154	-1.02849	-1.02976	-1.13107	-.88758
.896	16.034	-.91362	-.90338	-1.10332	-1.09703	-1.25879	-1.25597	-1.05671	-1.05405	-1.16297	-1.12235
	GRADIENT	-.01516	-.01538	-.02974	-.02960	-.03165	-.03043	-.03677	-.03471	-.04640	-.04611

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.198	-3.971	-.39705	-.38211	-.36571	-.35729	-.32852	-.32671	-.35623	-.35526	-.33899	-.33488
1.201	-1.989	-.41001	-.39855	-.39995	-.39398	-.36260	-.36238	-.37238	-.37831	-.36442	-.36068
1.199	.078	-.42683	-.41541	-.44171	-.43451	-.40707	-.40525	-.40181	-.40756	-.39561	-.39421
1.202	2.000	-.43778	-.42585	-.46742	-.46289	-.44768	-.44516	-.43291	-.43637	-.42547	-.42323
1.199	4.043	-.44927	-.43908	-.50253	-.49410	-.49935	-.49151	-.47446	-.47528	-.46819	-.46229
1.201	6.037	-.45369	-.44581	-.52476	-.51474	-.54084	-.53548	-.50060	-.50213	-.51515	-.50331
1.201	7.984	-.45632	-.44844	-.53696	-.52924	-.56896	-.56942	-.51881	-.51680	-.54836	-.53620
1.199	10.068	-.46159	-.45355	-.55655	-.54779	-.61038	-.60713	-.53491	-.53433	-.58397	-.57329
1.203	12.004	-.45655	-.44904	-.56577	-.55754	-.63634	-.63168	-.53990	-.54143	-.60163	-.59328
1.203	13.983	-.45137	-.44298	-.57222	-.56488	-.65918	-.65505	-.54618	-.54524	-.61424	-.60767
1.195	16.063	-.44998	-.44051	-.58041	-.57376	-.68201	-.67928	-.55520	-.55604	-.62744	-.62300
	GRADIENT	-.00661	-.00706	-.01705	-.01712	-.02132	-.02060	-.01484	-.01489	-.01596	-.01586

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (KVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.548	-3.832	-.21677	-.20215	-.20850	-.19936	-.18197	-.17835	-.21475	-.21693	-.19458	-.19060
1.551	-1.943	-.22487	-.21943	-.22692	-.22563	-.21037	-.21231	-.24136	-.24093	-.22460	-.21820
1.549	.059	-.23962	-.23106	-.25119	-.24925	-.24003	-.24476	-.26270	-.26047	-.25082	-.24411
1.550	2.067	-.24661	-.23968	-.27248	-.26676	-.27298	-.27459	-.28238	-.28277	-.28030	-.27642
1.550	4.112	-.25443	-.24424	-.28927	-.28193	-.30075	-.29940	-.29439	-.29036	-.30296	-.29436
1.550	6.042	-.25358	-.24192	-.30167	-.29253	-.32412	-.32260	-.30809	-.30554	-.32909	-.32020
1.549	8.081	-.25469	-.24531	-.31221	-.30469	-.34405	-.34368	-.31553	-.31150	-.34541	-.33784
1.547	10.091	-.25513	-.24689	-.31862	-.31307	-.35970	-.36245	-.31948	-.31725	-.35497	-.34872
1.548	12.081	-.25149	-.24654	-.32244	-.31789	-.37495	-.37737	-.32560	-.32338	-.36694	-.35940
1.545	14.063	-.25286	-.24317	-.33058	-.32390	-.39201	-.39213	-.32898	-.32627	-.37648	-.36929
1.552	16.095	-.24497	-.23659	-.33050	-.32415	-.40138	-.40199	-.32464	-.32275	-.37717	-.37180
	GRADIENT	-.00487	-.00523	-.01040	-.01035	-.01508	-.01528	-.01005	-.00946	-.01368	-.01335

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.201	-1.814	-.34859	-.31886	-.32324	-.33548	-.29757	-.31642	-.31025	-.30364	-.29608	-.28271
.203	.154	-.34005	-.31303	-.32359	-.34181	-.29846	-.32525	-.30044	-.29605	-.29074	-.28809
.203	2.179	-.34462	-.33014	-.33861	-.36513	-.30932	-.34233	-.30086	-.30898	-.29536	-.29688
.202	4.153	-.35826	-.35839	-.35430	-.38945	-.33317	-.36015	-.30990	-.33281	-.31068	-.32061
.203	6.085	-.36783	-.37005	-.37228	-.41762	-.34081	-.39269	-.32187	-.34672	-.31010	-.33880
.201	7.845	-.37689	-.38774	-.38574	-.44077	-.35348	-.41094	-.32978	-.36381	-.32631	-.35142
.201	9.843	-.40073	-.39661	-.40527	-.45990	-.37536	-.42177	-.34542	-.38134	-.33348	-.36479
.201	11.747	-.41178	-.42047	-.42275	-.47965	-.37993	-.43501	-.35204	-.39873	-.32510	-.37148
.202	13.750	-.42638	-.43920	-.43513	-.49558	-.39700	-.45145	-.37575	-.41769	-.35764	-.39076
.201	15.741	-.45281	-.47222	-.46382	-.52719	-.41663	-.47606	-.39937	-.44613	-.37891	-.41459
.200	17.724	-.46792	-.49396	-.47472	-.55148	-.42501	-.48920	-.41624	-.47627	-.38701	-.43590
	GRADIENT	-.00169	-.00681	-.00544	-.00930	-.00590	-.00744	.00003	-.00505	-.00243	-.00615

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.250	-1.985	-.07616	-.06407	-.06826	-.07113	-.05612	-.06254	-.05542	-.05187	-.05605	-.05618
.250	.185	-.08363	-.07580	-.08072	-.08432	-.06709	-.07425	-.06280	-.07358	-.06414	-.06643
.250	2.161	-.08430	-.07718	-.08139	-.08930	-.06990	-.08138	-.06345	-.06634	-.06623	-.06996
.250	4.125	-.08732	-.08093	-.08512	-.09662	-.07508	-.08870	-.06577	-.06938	-.06783	-.07515
.250	6.096	-.09268	-.09346	-.09335	-.10840	-.07975	-.09835	-.07046	-.08051	-.07394	-.08195
.251	7.930	-.09440	-.09518	-.09507	-.11360	-.08225	-.10360	-.07015	-.08371	-.07219	-.08588
.253	10.021	-.09112	-.09540	-.09388	-.11563	-.07846	-.10087	-.06655	-.08200	-.06365	-.08063
.250	11.940	-.10570	-.11007	-.10851	-.12925	-.09208	-.11564	-.08138	-.09498	-.08414	-.09644
.251	13.902	-.10935	-.11512	-.11286	-.13421	-.09650	-.11995	-.08656	-.10295	-.08503	-.10013
.250	15.709	-.11545	-.12342	-.11898	-.14194	-.09890	-.12326	-.08960	-.11258	-.08734	-.10472
	GRADIENT	-.00170	-.00258	-.00255	-.00403	-.00296	-.00423	-.00158	-.00229	-.00186	-.00299

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.401	-1.955	-.33004	-.29538	-.31289	-.31814	-.27686	-.29046	-.28835	-.27771	-.27400	-.26069
.401	.036	-.33329	-.30903	-.32540	-.33992	-.29166	-.31453	-.29387	-.29250	-.28416	-.27663
.401	2.050	-.33806	-.32196	-.33714	-.35972	-.30230	-.33322	-.29408	-.30428	-.28671	-.28846
.401	4.012	-.34352	-.33554	-.34724	-.37900	-.31476	-.35371	-.30076	-.32481	-.29342	-.30326
.402	6.031	-.35190	-.35202	-.35910	-.40011	-.32312	-.37250	-.30217	-.33318	-.29600	-.31857
.402	7.898	-.36939	-.37413	-.37773	-.42663	-.34072	-.39798	-.31638	-.35649	-.30448	-.34081
.403	9.941	-.38115	-.39048	-.39406	-.44502	-.35492	-.41305	-.32953	-.37289	-.31657	-.35271
.403	11.847	-.39577	-.40741	-.41331	-.46315	-.36951	-.42310	-.34408	-.38749	-.33114	-.36615
.402	13.841	-.41682	-.43309	-.43208	-.48884	-.38709	-.44302	-.36738	-.41197	-.34409	-.38257
.402	15.870	-.43289	-.45384	-.45054	-.51095	-.39496	-.44879	-.37402	-.43147	-.35529	-.39968
	GRADIENT	-.00227	-.00670	-.00576	-.01016	-.00624	-.01047	-.00188	-.00768	-.00305	-.00700

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.700	-1.942	-.09856	-.08884	-.09053	-.09330	-.08007	-.08694	-.08228	-.07997	-.07847	-.07517
.700	.041	-.09996	-.09273	-.09483	-.10007	-.08341	-.09302	-.08370	-.08386	-.08003	-.08003
.700	2.017	-.10195	-.09789	-.09929	-.10715	-.08677	-.09928	-.08472	-.08832	-.08215	-.08436
.701	3.980	-.10436	-.10333	-.10321	-.11478	-.09056	-.10650	-.08659	-.09363	-.08415	-.08980
.701	6.002	-.10808	-.11036	-.10790	-.12358	-.09444	-.11434	-.08868	-.10025	-.08583	-.09615
.701	7.987	-.11318	-.11902	-.11423	-.13386	-.09969	-.12313	-.09203	-.10810	-.08891	-.10333
.701	9.983	-.12043	-.12834	-.12148	-.14373	-.10529	-.13176	-.09720	-.11686	-.09339	-.11058
.701	11.940	-.12861	-.13722	-.13020	-.15316	-.11318	-.13856	-.10454	-.12462	-.09852	-.11669
.700	13.869	-.13765	-.14752	-.13884	-.16320	-.12069	-.14570	-.11217	-.13366	-.10366	-.12406
.698	15.856	-.14664	-.15972	-.14727	-.17378	-.12727	-.15305	-.11943	-.14457	-.10910	-.13095
.697	17.909	-.15631	-.17205	-.15459	-.18420	-.13302	-.15996	-.12598	-.15451	-.11382	-.13795
	GRADIENT	-.00098	-.00246	-.00215	-.00362	-.00177	-.00329	-.00071	-.00230	-.00097	-.00244

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.800	-3.993	-.35723	-.31735	-.32686	-.32562	-.29337	-.30175	-.31101	-.29166	-.29157	-.27256
.800	-1.945	-.35791	-.33089	-.33623	-.34645	-.30205	-.32363	-.30994	-.30242	-.29120	-.28507
.800	-.103	-.36216	-.34315	-.34745	-.36703	-.31291	-.34561	-.31071	-.31501	-.29650	-.29906
.800	2.034	-.37774	-.36674	-.37244	-.39925	-.33654	-.37821	-.31904	-.33549	-.30626	-.32132
.800	3.997	-.39906	-.39434	-.40142	-.43717	-.37147	-.41929	-.33142	-.36101	-.32077	-.34760
.799	5.983	-.42859	-.43326	-.44106	-.48719	-.41698	-.47382	-.35396	-.39814	-.34474	-.38510
.800	7.938	-.46934	-.47193	-.48911	-.53718	-.46817	-.53148	-.38681	-.44549	-.37908	-.43079
.800	10.015	-.51275	-.50910	-.53847	-.57575	-.51403	-.58532	-.42669	-.49579	-.41661	-.47732
.800	11.935	-.54138	-.54434	-.57755	-.59951	-.55483	-.60840	-.46156	-.53239	-.44946	-.50700
.800	13.922	-.57164	-.59545	-.59427	-.64152	-.57469	-.62647	-.49395	-.57444	-.47220	-.54078
.800	15.918	-.61730	-.64012	-.61773	-.69591	-.58316	-.65655	-.52038	-.61590	-.48960	-.56660
.800	17.964	-.66692	-.66333	-.66147	-.72323	-.60398	-.68216	-.54054	-.66411	-.50286	-.58883
	GRADIENT	-.00520	-.00952	-.00930	-.01384	-.00957	-.01452	-.00251	-.00861	-.00369	-.00934

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.850	-1.921	-.27909	-.18999	-.29097	-.21921	-.28928	-.23517	-.27685	-.25688	-.26163	-.24392
.850	.083	-.25741	-.23649	-.28864	-.23940	-.32059	-.24885	-.28847	-.27017	-.28045	-.26406
.849	1.911	-.27699	-.31503	-.29925	-.30295	-.34262	-.28395	-.30750	-.28913	-.30502	-.28757
.850	3.916	-.35333	-.49665	-.36457	-.43855	-.38162	-.36798	-.32622	-.30661	-.33158	-.30799
.850	6.055	-.45576	-.70890	-.46289	-.61277	-.46473	-.49503	-.36567	-.34013	-.37633	-.34577
.850	7.947	-.57014	-.70503	-.58317	-.70478	-.57170	-.60701	-.42713	-.40871	-.44700	-.42641
.850	10.052	-.63889	-.67835	-.65620	-.70664	-.62815	-.64338	-.46031	-.46322	-.48289	-.48426
.850	11.914	-.68681	-.70678	-.69958	-.72883	-.65703	-.66605	-.47210	-.48502	-.49401	-.50150
.850	13.904	-.70444	-.72968	-.71077	-.74692	-.66743	-.67939	-.48643	-.52047	-.50128	-.52211
.850	15.960	-.72595	-.76347	-.72548	-.77514	-.67637	-.68992	-.51898	-.58824	-.51960	-.56402
.850	17.893	-.76377	-.81932	-.75589	-.82474	-.69526	-.72619	-.56962	-.66967	-.55513	-.61328
.850	18.929	-.77274	-.83873	-.75999	-.83380	-.69765	-.72734	-.59739	-.70049	-.57710	-.63433
	GRADIENT	-.01254	-.05168	-.01200	-.03732	-.01548	-.02243	-.00863	-.00868	-.01211	-.01114

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.901	-3.993	-.79843	-.72581	-.74912	-.71169	-.65395	-.68596	-.54119	-.66260	-.50361	-.63365
.901	-1.992	-.83298	-.77466	-.80197	-.77655	-.74564	-.74967	-.60905	-.70090	-.55622	-.69403
.902	-.031	-.87067	-.80438	-.85161	-.84037	-.80676	-.80897	-.71111	-.74028	-.63025	-.74166
.901	1.956	-.90128	-.82647	-.90939	-.90057	-.86239	-.87261	-.79334	-.78099	-.72262	-.78578
.899	3.998	-.92161	-.84342	-.97275	-.95262	-.92220	-.94646	-.83389	-.83861	-.79519	-.83568
.900	5.974	-.93414	-.84786	.00000	-.97921	-.97578	.00000	-.87244	-.89076	-.84832	-.89388
.900	7.870	-.93606	-.85643	.00000	.00000	.00000	.00000	-.94430	-.92470	-.91631	.00000
.899	9.976	-.93712	-.86173	.00000	.00000	.00000	.00000	.00000	-.95615	.00000	.00000
.900	11.929	-.93323	-.86641	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
.899	13.877	-.94119	-.87078	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
.900	15.937	-.94087	-.86537	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
.900	17.933	-.94109	-.86833	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
	GRADIENT	-.01578	-.01439	-.02784	-.03039	-.03277	-.03232	-.03859	-.02169	-.03761	-.02488

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.949	-4.034	-.73281	-.66657	-.68907	-.65100	-.64669	-.61974	-.59068	-.61887	-.53098	-.59999
.950	-1.959	-.76210	-.70079	-.73110	-.71059	-.69336	-.67705	-.65959	-.65192	-.58964	-.64523
.949	-.034	-.79610	-.72809	-.77697	-.76937	-.73657	-.73350	-.71607	-.68898	-.66880	-.68493
.949	1.998	-.81973	-.74569	-.83013	-.81927	-.78453	-.79557	-.75419	-.73489	-.73978	-.72859
.950	3.973	-.83478	-.75850	-.88043	-.85710	-.83227	-.85653	-.78461	-.78783	-.78418	-.77755
.951	6.040	-.84934	-.76820	-.91953	-.88721	-.88640	-.92876	-.82345	-.83501	-.81877	-.83952
.950	7.898	-.85150	-.77371	-.96057	-.91340	-.95861	-.99259	-.87935	-.85766	-.87103	-.91370
.950	9.938	-.85117	-.77931	-.98455	-.93543	-1.02070	-1.03263	-.91590	-.87808	-.94557	-.95020
.951	11.944	-.84452	-.78557	-.99223	-.95227	-1.06917	-1.06808	-.93475	-.89918	-.99838	-.98269
.950	13.959	-.84998	-.78599	-1.00667	-.96343	-1.10866	-1.09683	-.95631	-.91747	-1.03694	-.95511
.950	15.980	-.84850	-.78082	-1.01197	-.97224	-1.13237	-1.10839	-.97091	-.93355	-1.05816	-.98998
.949	17.944	-.84764	-.78278	-1.01852	-.98047	-1.15612	-1.10779	-.98813	-.95650	-1.08217	-1.02924
	GRADIENT	-.01310	-.01146	-.02412	-.02609	-.02315	-.02965	-.02417	-.02107	-.03287	-.02196

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.981	-4.081	-.68664	-.62240	-.64140	-.60313	-.60284	-.57309	-.58834	-.57953	-.52459	-.56148
.980	-1.928	-.71741	-.65644	-.68447	-.66711	-.64780	-.63198	-.64590	-.61543	-.59202	-.60694
.978	-.014	-.74638	-.68131	-.72774	-.72292	-.68730	-.68716	-.67665	-.64805	-.65232	-.64239
.979	2.026	-.76511	-.69767	-.77800	-.76722	-.73343	-.74727	-.71071	-.69703	-.70567	-.68751
.979	3.994	-.78229	-.71125	-.82580	-.80373	-.78124	-.80625	-.74420	-.74734	-.74234	-.73705
.979	5.991	-.79694	-.72051	-.86242	-.83214	-.83412	-.87481	-.78495	-.78919	-.77839	-.80002
.979	7.940	-.80042	-.72590	-.90308	-.85867	-.90147	-.93342	-.83284	-.81177	-.82498	-.86454
.980	9.961	-.79736	-.73082	-.92288	-.87851	-.96001	-.96940	-.86509	-.83197	-.89502	-.89620
.980	11.932	-.78996	-.73548	-.93150	-.89188	-1.00093	-.99795	-.87904	-.84702	-.93573	-.92336
.979	13.945	-.79557	-.73760	-.94529	-.90641	-1.03821	-1.02225	-.89974	-.86455	-.97069	-.88674
.981	15.898	-.79248	-.72899	-.94868	-.91014	-1.05773	-1.03449	-.91023	-.87565	-.98953	-.93098
.979	17.969	-.79305	-.73136	-.95561	-.92089	-1.08299	-1.02955	-.92831	-.89869	-1.01493	-.95814
	GRADIENT	-.01190	-.01091	-.02299	-.02496	-.02200	-.02893	-.01876	-.02074	-.02734	-.02147

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.051	-4.011	-.58149	-.52254	-.53959	-.50829	-.50426	-.47714	-.52745	-.49103	-.47568	-.47361
1.050	-1.942	-.61506	-.55344	-.58323	-.56692	-.54729	-.53076	-.56337	-.52574	-.53420	-.51427
1.049	-.019	-.63826	-.57341	-.62450	-.61523	-.58294	-.58411	-.58393	-.56077	-.57467	-.55024
1.050	2.009	-.65164	-.58888	-.66865	-.65429	-.62355	-.64004	-.60944	-.60754	-.60884	-.59411
1.048	4.018	-.66783	-.60261	-.70798	-.68615	-.66991	-.69911	-.64451	-.65443	-.64013	-.64488
1.048	6.058	-.67856	-.61182	-.73979	-.71286	-.71650	-.75633	-.68782	-.68439	-.67522	-.70214
1.049	7.995	-.68447	-.61566	-.77505	-.73386	-.77902	-.80309	-.72572	-.70332	-.72658	-.75311
1.050	10.014	-.68404	-.61563	-.79432	-.75020	-.82698	-.83767	-.75275	-.71765	-.78213	-.77863
1.049	11.998	-.68000	-.62480	-.80827	-.76849	-.87775	-.87330	-.76513	-.73765	-.82786	-.81093
1.049	13.933	-.67768	-.62339	-.81390	-.77620	-.90470	-.89785	-.77789	-.74746	-.84835	-.82813
1.051	15.966	-.67322	-.61755	-.81660	-.78103	-.92439	-.91399	-.78449	-.75617	-.86344	-.84027
1.050	17.958	-.67115	-.61745	-.81952	-.78862	-.94202	-.92892	-.79654	-.77087	-.87803	-.85657
	GRADIENT	-.01046	-.00978	-.02110	-.02214	-.02037	-.02765	-.01401	-.02042	-.02017	-.02111

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.101	-3.861	-.49816	-.44080	-.45732	-.42898	-.42393	-.39757	-.44972	-.41138	-.40533	-.39498
1.101	-1.934	-.52587	-.46241	-.49384	-.47729	-.46021	-.44256	-.47835	-.43834	-.45045	-.42792
1.098	.011	-.55175	-.48613	-.53773	-.52811	-.49890	-.49866	-.50353	-.47778	-.49371	-.46765
1.097	1.967	-.56640	-.50210	-.57980	-.56531	-.53695	-.55166	-.52885	-.52453	-.52674	-.51048
1.098	4.069	-.58223	-.51775	-.61965	-.59947	-.58222	-.61153	-.56225	-.57089	-.55682	-.56201
1.102	6.028	-.58695	-.52032	-.64377	-.61767	-.62163	-.66043	-.59661	-.59281	-.58307	-.61303
1.101	7.940	-.59371	-.52574	-.68065	-.63932	-.68556	-.70653	-.63801	-.61195	-.64011	-.65951
1.099	10.041	-.60120	-.53358	-.70649	-.66274	-.74024	-.74654	-.67190	-.63276	-.70240	-.69348
1.101	11.953	-.59385	-.53564	-.71536	-.67391	-.78152	-.77423	-.67856	-.64652	-.73788	-.71734
1.100	13.871	-.59450	-.54003	-.72432	-.68685	-.81041	-.80198	-.69432	-.66146	-.75983	-.73955
1.101	15.911	-.59117	-.53862	-.72704	-.69348	-.82902	-.81972	-.70040	-.67314	-.77531	-.75414
1.101	17.912	-.58708	-.53740	-.72758	-.69968	-.84409	-.83197	-.70885	-.68472	-.78567	-.76676
	GRADIENT	-.01054	-.00978	-.02078	-.02168	-.01991	-.02719	-.01395	-.02053	-.01916	-.02111

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-3.928	-.45580	-.39447	-.41372	-.39036	-.38122	-.35619	-.41293	-.37168	-.37897	-.35388
1.151	-1.962	-.47811	-.41684	-.44855	-.43455	-.41440	-.40263	-.43307	-.40097	-.41444	-.38736
1.151	.008	-.49536	-.43017	-.48628	-.47499	-.44739	-.45080	-.45167	-.43696	-.44417	-.42256
1.148	2.044	-.51041	-.44767	-.52518	-.50938	-.48431	-.50291	-.47389	-.47910	-.47060	-.46640
1.149	4.047	-.52128	-.46054	-.55654	-.53712	-.52318	-.55584	-.50306	-.51793	-.49652	-.51194
1.150	6.039	-.52476	-.46619	-.57974	-.55833	-.56159	-.60227	-.53729	-.53886	-.52332	-.56255
1.149	7.933	-.53134	-.47078	-.61245	-.57656	-.61953	-.64134	-.57661	-.55432	-.58078	-.59913
1.149	9.940	-.53673	-.47258	-.63419	-.59329	-.66622	-.67301	-.60306	-.56662	-.63230	-.62282
1.149	11.887	-.52838	-.47558	-.64225	-.60548	-.70425	-.69909	-.60915	-.57935	-.66595	-.64447
1.148	13.900	-.52684	-.47629	-.65061	-.61606	-.73280	-.72429	-.62169	-.58969	-.68486	-.66392
1.150	15.857	-.51801	-.47441	-.64974	-.61771	-.74797	-.73806	-.62416	-.59799	-.69370	-.67109
1.150	17.910	-.51541	-.47122	-.64975	-.61991	-.76054	-.74701	-.62942	-.60571	-.70125	-.68276
1.148	18.951	-.51572	-.47100	-.64668	-.62184	-.76935	-.75056	-.63468	-.61402	-.70704	-.68911
	GRADIENT	-.00817	-.00816	-.01815	-.01845	-.01773	-.02504	-.01108	-.01858	-.01459	-.01981

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.200	-4.012	-.41485	-.35526	-.37404	-.34758	-.34078	-.31658	-.38022	-.33503	-.35509	-.31482
1.202	-1.980	-.43199	-.37034	-.40479	-.38825	-.37090	-.36211	-.39709	-.36291	-.38158	-.34703
1.201	-.016	-.44955	-.38653	-.44091	-.42473	-.40295	-.40813	-.41815	-.39839	-.40920	-.38477
1.201	2.000	-.46353	-.40115	-.47807	-.45558	-.44091	-.45547	-.44223	-.43890	-.43587	-.42890
1.200	3.978	-.47530	-.41110	-.50681	-.48106	-.47965	-.50657	-.47321	-.47043	-.46376	-.47234
1.201	6.018	-.47929	-.41985	-.53128	-.50264	-.52000	-.54891	-.50093	-.49400	-.48784	-.52084
1.200	7.937	-.48265	-.42464	-.55568	-.52221	-.56641	-.58753	-.52951	-.50646	-.53695	-.55221
1.202	9.993	-.48334	-.42583	-.57114	-.53557	-.60353	-.61393	-.55109	-.51890	-.58123	-.57382
1.198	11.886	-.47576	-.43123	-.58121	-.55031	-.64069	-.64188	-.55500	-.53283	-.60942	-.59500
1.196	13.858	-.47248	-.42940	-.58816	-.55911	-.66684	-.66387	-.56254	-.53924	-.62492	-.60841
1.204	15.934	-.45856	-.42173	-.58271	-.55183	-.67689	-.66800	-.55705	-.54035	-.62754	-.60951
1.202	17.947	-.45180	-.42090	-.58459	-.55297	-.69350	-.67893	-.56242	-.54788	-.63197	-.61924
	GRADIENT	-.00764	-.00714	-.01697	-.01675	-.01742	-.02371	-.01158	-.01737	-.01361	-.01988

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	-4.010	-.35735	-.30334	-.32401	-.30757	-.28572	-.27645	-.32179	-.29235	-.30083	-.26725
1.301	-1.957	-.37642	-.31895	-.35902	-.34224	-.32391	-.32009	-.35099	-.32732	-.33271	-.30545
1.300	-.020	-.38809	-.33061	-.38923	-.36980	-.35179	-.35749	-.36150	-.35170	-.35049	-.33623
1.299	1.989	-.39770	-.34108	-.41275	-.39299	-.38283	-.39950	-.38124	-.38329	-.37115	-.37625
1.300	4.021	-.39680	-.34830	-.42807	-.41263	-.41060	-.43679	-.40698	-.40815	-.39695	-.42170
1.299	6.015	-.40402	-.34538	-.45064	-.42389	-.44359	-.46743	-.43504	-.42317	-.42797	-.45064
1.300	7.960	-.40778	-.34930	-.47161	-.43855	-.48709	-.49784	-.45806	-.43466	-.46872	-.47450
1.300	9.999	-.40732	-.35392	-.48577	-.45550	-.51692	-.52911	-.47218	-.44091	-.50378	-.48809
1.301	11.906	-.39870	-.36495	-.49228	-.47211	-.54286	-.55099	-.47549	-.44738	-.52222	-.50619
1.300	13.940	-.39682	-.36168	-.49833	-.47761	-.56444	-.56646	-.47665	-.46015	-.53316	-.52379
1.299	15.926	-.38841	-.35647	-.49881	-.47492	-.58019	-.57584	-.47830	-.46584	-.54461	-.52656
1.299	17.954	-.38618	-.35628	-.50288	-.47294	-.59635	-.58217	-.47574	-.47137	-.54664	-.52888
	GRADIENT	-.00501	-.00560	-.01308	-.01304	-.01543	-.02000	-.01004	-.01438	-.01154	-.01899

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.401	-4.020	-.29811	-.24323	-.26853	-.25464	-.23065	-.23413	-.27467	-.25215	-.25296	-.22498
1.401	-1.993	-.31441	-.25405	-.30460	-.28063	-.26870	-.26984	-.29239	-.28187	-.27444	-.26360
1.401	-.015	-.32585	-.26416	-.32809	-.30412	-.29653	-.30794	-.31416	-.30508	-.29716	-.29231
1.402	1.977	-.33020	-.27227	-.34587	-.32446	-.32663	-.34229	-.34453	-.32972	-.32732	-.33072
1.399	4.008	-.34236	-.28202	-.37183	-.34433	-.35799	-.37365	-.35729	-.34387	-.34812	-.36209
1.400	6.072	-.33905	-.28299	-.38372	-.35677	-.38335	-.39784	-.37577	-.35746	-.37611	-.38573
1.401	8.039	-.34061	-.29177	-.39869	-.37288	-.41205	-.42564	-.39187	-.36529	-.40459	-.40470
1.400	10.071	-.34576	-.28658	-.41679	-.37663	-.44706	-.44431	-.40681	-.37733	-.43909	-.42223
1.402	11.999	-.33320	-.29127	-.41670	-.39003	-.46924	-.46590	-.40988	-.37844	-.45244	-.43329
1.401	14.063	-.33047	-.28194	-.42374	-.39304	-.48832	-.48210	-.40976	-.38632	-.46209	-.44492
1.401	15.966	-.32360	-.28883	-.42393	-.39583	-.49760	-.48681	-.40739	-.38197	-.46597	-.44195
1.399	18.004	-.32124	-.29217	-.42508	-.39496	-.51226	-.49344	-.40825	-.39424	-.47203	-.44827
	GRADIENT	-.00521	-.00478	-.01238	-.01115	-.01561	-.01755	-.01085	-.01155	-.01214	-.01704

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.548	-3.908	-.23367	-.18207	-.21593	-.19175	-.17830	-.17944	-.22569	-.20586	-.19959	-.18591
1.548	-1.851	-.25188	-.19390	-.24388	-.21630	-.21711	-.21846	-.25266	-.23743	-.22863	-.21882
1.549	.114	-.26547	-.20638	-.26611	-.23660	-.24427	-.24920	-.27553	-.25766	-.25672	-.25339
1.549	2.104	-.27586	-.21721	-.28792	-.25772	-.27566	-.28165	-.29556	-.27808	-.28103	-.28460
1.550	4.150	-.28308	-.22098	-.30695	-.27012	-.30199	-.30290	-.30540	-.28350	-.30121	-.30364
1.551	6.220	-.28244	-.22086	-.31483	-.28407	-.32168	-.32818	-.31708	-.29901	-.32142	-.32514
1.552	8.091	-.27851	-.23139	-.32597	-.30123	-.34453	-.34976	-.32654	-.29834	-.34625	-.33291
1.551	10.026	-.27300	-.23646	-.33356	-.30993	-.36283	-.37261	-.33317	-.30556	-.36190	-.34845
1.547	11.923	-.26938	-.23013	-.34022	-.31144	-.38149	-.38123	-.33424	-.31721	-.37222	-.36259
1.546	13.900	-.26480	-.22546	-.34087	-.31443	-.39583	-.39210	-.33637	-.31851	-.38149	-.36661
1.552	15.908	-.25603	-.22587	-.33941	-.31244	-.40790	-.39793	-.33354	-.30955	-.38342	-.36157
1.549	17.898	-.25479	-.22970	-.33931	-.31371	-.41389	-.39940	-.33333	-.31600	-.38584	-.36526
	GRADIENT	-.00612	-.00504	-.01126	-.00987	-.01524	-.01545	-.01008	-.00976	-.01273	-.01500

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (KVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.202	-1.929	-.33892	-.32209	-.32645	-.33225	-.30306	-.30486	-.30507	-.29639	-.29947	-.28619
.202	-.016	-.34042	-.32354	-.33216	-.34010	-.32146	-.32111	-.31284	-.30625	-.31363	-.29390
.202	2.003	-.34550	-.32659	-.33729	-.34727	-.32240	-.32205	-.30960	-.29881	-.30404	-.28441
.202	3.989	-.35633	-.34165	-.36293	-.36867	-.34804	-.34555	-.32465	-.31385	-.32547	-.29945
.201	6.053	-.38269	-.36151	-.39362	-.39722	-.37008	-.36330	-.34226	-.33136	-.33884	-.31475
	GRADIENT	-.00291	-.00313	-.00581	-.00589	-.00686	-.00621	-.00280	-.00226	-.00345	-.00152

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (KVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.250	-1.734	-.07984	-.07634	-.07695	-.07696	-.06340	-.06553	-.06056	-.05915	-.06261	-.05917
.250	.144	-.08344	-.07850	-.08126	-.08341	-.07268	-.07553	-.06698	-.06486	-.07046	-.06631
.251	2.144	-.08330	-.07624	-.08397	-.08611	-.07259	-.07755	-.06335	-.06195	-.06753	-.06340
.250	4.009	-.09349	-.08637	-.09560	-.09848	-.08554	-.08697	-.07335	-.07337	-.07972	-.07340
.250	6.242	-.09870	-.09090	-.10224	-.10368	-.09008	-.09150	-.07722	-.07510	-.08070	-.07727
	GRADIENT	-.00211	-.00143	-.00304	-.00349	-.00343	-.00344	-.00179	-.00205	-.00250	-.00205

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.404	-1.870	-.31928	-.30678	-.31377	-.31667	-.28617	-.28356	-.28836	-.28356	-.27877	-.26215
.404	.085	-.32615	-.30796	-.32639	-.32812	-.29998	-.29622	-.29072	-.28364	-.28460	-.26686
.405	2.152	-.33712	-.31900	-.34648	-.34704	-.31904	-.31413	-.30069	-.29477	-.29689	-.27693
.399	4.167	-.34781	-.32919	-.36447	-.36034	-.33509	-.33004	-.31154	-.30429	-.30531	-.28830
.398	6.117	-.36521	-.34422	-.38425	-.38243	-.35600	-.34858	-.32537	-.31810	-.32150	-.30093
	GRADIENT	-.00479	-.00389	.00854	-.00744	-.00822	-.00780	-.00395	-.00365	-.00456	-.00439

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.599	-1.963	-.33766	-.32123	-.32859	-.32700	-.29851	-.29715	-.30099	-.29353	-.28984	-.27116
.599	.091	-.34416	-.32720	-.34337	-.33969	-.31430	-.31189	-.30849	-.29792	-.29942	-.27865
.599	2.060	-.35664	-.33707	-.36156	-.35733	-.33296	-.33105	-.31936	-.30722	-.31186	-.29103
.599	4.128	-.36855	-.35000	-.37920	-.37442	-.35004	-.34603	-.32916	-.31751	-.32324	-.30080
.599	6.169	-.38331	-.36171	-.39704	-.39224	-.36797	-.36188	-.34042	-.32776	-.33402	-.31319
	GRADIENT	-.00519	-.00475	-.00840	-.00790	-.00856	-.00819	-.00471	-.00401	-.00556	-.00500

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.800	-1.822	-.35311	-.33166	-.34188	-.33505	-.30908	-.30596	-.30827	-.29901	-.29615	-.27817
.799	.082	-.36691	-.34410	-.36335	-.35580	-.33163	-.32780	-.31830	-.30904	-.30830	-.28894
.800	2.136	-.38740	-.36256	-.39219	-.38392	-.36364	-.35979	-.33264	-.32338	-.32582	-.30541
.800	4.197	-.41860	-.39064	-.43243	-.42340	-.40803	-.40344	-.35551	-.34624	-.34875	-.33004
.800	6.281	-.45835	-.42759	-.48056	-.47180	-.45995	-.45843	-.38443	-.37999	-.38190	-.36415
	GRADIENT	-.01082	-.00974	-.01497	-.01461	-.01639	-.01617	-.00778	-.00778	-.00873	-.00858

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (KVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.850	-1.940	-.23245	-.22056	-.25820	-.25517	-.26817	-.26400	-.27260	-.26335	-.26292	-.24654
.850	.144	-.24845	-.22102	-.26224	-.24918	-.28355	-.27159	-.28603	-.27353	-.28254	-.26289
.850	2.202	-.33013	-.28162	-.32226	-.28383	-.31505	-.29754	-.30424	-.29398	-.30793	-.28918
.850	4.246	-.47590	-.37461	-.45646	-.36927	-.41259	-.35644	-.33272	-.32859	-.34427	-.33000
.850	6.335	-.64526	-.50549	-.63698	-.51163	-.56505	-.47756	-.38480	-.38582	-.40293	-.39732
	GRADIENT	-.03932	-.02531	-.03170	-.01824	-.02250	-.01469	-.00962	-.01047	-.01306	-.01341

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.900	-1.931	-.81692	-.79981	-.79612	-.78844	-.75841	-.75549	-.71545	-.71374	-.65573	-.63774
.900	.161	-.85487	-.83899	-.86095	-.84952	-.81864	-.81597	-.76711	-.76903	-.75459	-.73764
.900	2.233	-.87498	-.86125	-.92775	-.91195	-.87965	-.87448	-.79732	-.80500	-.80749	-.80174
.900	4.321	-.89374	-.87910	-.97921	-.96912	-.95122	-.93927	-.84381	-.84842	-.84737	-.84643
.900	6.393	-.89893	-.88764	-1.01981	-1.00996	-1.02690	-1.01122	-.90910	-.90878	-.90119	-.89710
	GRADIENT	-.01203	-.01249	-.02958	-.02902	-.03070	-.02928	-.01994	-.02113	-.03015	-.03314

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.950	-1.845	-.74672	-.73138	-.72816	-.71863	-.68698	-.68512	-.66595	-.68050	-.65917	-.65565
.949	.191	-.77429	-.76213	-.78551	-.77704	-.73940	-.74008	-.70709	-.71410	-.70792	-.70691
.949	2.270	-.79640	-.78338	-.84321	-.83349	-.79966	-.79624	-.74824	-.75205	-.75091	-.74549
.949	4.361	-.81091	-.79646	-.88511	-.87880	-.86614	-.85718	-.79916	-.79746	-.79182	-.78864
.949	6.385	-.81779	-.80853	-.92735	-.91433	-.93610	-.92128	-.84793	-.85053	-.84707	-.83772
	GRADIENT	-.01036	-.01045	-.02553	-.02594	-.02889	-.02766	-.02130	-.01880	-.02130	-.021 4

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.981	-1.847	-.69649	-.68832	-.67761	-.67064	-.63735	-.63865	-.63404	-.64397	-.62687	-.62431
.979	.196	-.72164	-.71010	-.73281	-.72575	-.68856	-.68841	-.66166	-.67186	-.66325	-.66344
.979	2.283	-.74178	-.73025	-.78720	-.77922	-.74717	-.74444	-.70511	-.70715	-.70372	-.70158
.979	4.387	-.75775	-.74538	-.82932	-.82351	-.81312	-.80509	-.76121	-.75732	-.75038	-.74451
.979	6.418	-.76598	-.75725	-.86993	-.85647	-.88069	-.86715	-.80370	-.80652	-.80676	-.79629
	GRADIENT	-.00980	-.00920	-.02450	-.02462	-.02819	-.02671	-.02046	-.01807	-.01978	-.01918

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (KVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.049	-1.880	-.59312	-.58205	-.57780	-.57095	-.53704	-.53078	-.54071	-.55011	-.53370	-.53212
1.048	.124	-.61266	-.60279	-.62939	-.62068	-.58359	-.58210	-.57095	-.57943	-.56758	-.56772
1.051	2.223	-.62892	-.61821	-.66893	-.66550	-.63511	-.63387	-.60744	-.61322	-.60151	-.60188
1.051	4.323	-.63899	-.63094	-.70500	-.70122	-.69451	-.68848	-.65914	-.65809	-.64504	-.64268
1.051	6.472	-.64823	-.64105	-.74253	-.73189	-.75805	-.74929	-.69624	-.70079	-.70860	-.69397
	GRADIENT	-.00742	-.00782	-.02031	-.02102	-.02531	-.02448	-.01894	-.01729	-.01777	-.01767

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.101	-1.920	-.50459	-.49518	-.49196	-.48469	-.45067	-.45161	-.45616	-.46598	-.44879	-.44881
1.098	.082	-.52498	-.51753	-.54203	-.53438	-.49949	-.49868	-.48857	-.49727	-.48523	-.48631
1.101	2.167	-.54055	-.53171	-.57929	-.57695	-.54926	-.54700	-.52482	-.53009	-.51846	-.51835
1.100	4.279	-.55121	-.54519	-.61622	-.61298	-.61016	-.60192	-.57694	-.57513	-.56392	-.56090
1.098	6.344	-.56334	-.55759	-.65277	-.64354	-.66901	-.66098	-.61312	-.61807	-.62678	-.61291
	GRADIENT	-.00750	-.00793	-.01980	-.02065	-.02555	-.02414	-.01929	-.01743	-.01831	-.01781

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-1.979	-.45524	-.44625	-.44641	-.43988	-.40558	-.40737	-.41347	-.42121	-.40533	-.40319
1.149	.012	-.47148	-.46554	-.49040	-.48296	-.45117	-.44793	-.44325	-.44765	-.43627	-.43463
1.151	2.154	-.48879	-.47843	-.52542	-.52292	-.50176	-.49625	-.48414	-.48463	-.47338	-.47112
1.149	4.267	-.49915	-.49322	-.56137	-.55576	-.55736	-.54708	-.53055	-.52657	-.52016	-.51087
1.149	6.306	-.50491	-.49927	-.58540	-.57892	-.60467	-.59657	-.55791	-.55752	-.57259	-.55407
	GRADIENT	-.00713	-.00735	-.01818	-.01855	-.02424	-.02240	-.01880	-.01693	-.01829	-.01723

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.201	-1.981	-.40754	-.40277	-.40236	-.39816	-.36321	-.36392	-.37428	-.38602	-.36370	-.36466
1.199	.093	-.42483	-.41950	-.44264	-.43947	-.40751	-.40735	-.40436	-.41610	-.39520	-.39884
1.198	2.179	-.43885	-.43517	-.47505	-.47757	-.45686	-.45447	-.44493	-.45201	-.43119	-.43615
1.198	4.250	-.44563	-.44688	-.50446	-.50556	-.50489	-.50054	-.48066	-.48716	-.47416	-.47383
1.199	6.371	-.45156	-.45582	-.52875	-.52926	-.54777	-.54912	-.50794	-.51387	-.52314	-.51562
	GRADIENT	-.00617	-.00712	-.01630	-.01734	-.02283	-.02199	-.01731	-.01633	-.01768	-.01755

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (KVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.299	-1.929	-.34839	-.34707	-.35153	-.34922	-.31613	-.31608	-.32730	-.34038	-.31273	-.31794
1.299	.039	-.36126	-.36052	-.37771	-.38056	-.35304	-.35354	-.35263	-.36451	-.33813	-.34329
1.301	2.123	-.36777	-.36934	-.40357	-.40724	-.39250	-.39122	-.38196	-.39151	-.37277	-.37323
1.300	4.246	-.37640	-.37422	-.42924	-.42710	-.43550	-.43216	-.40907	-.42408	-.41267	-.41422
1.299	6.301	-.37610	-.37796	-.44454	-.44642	-.46350	-.46677	-.42811	-.43965	-.44537	-.44570
	GRADIENT	-.00438	-.00436	-.01256	-.01261	-.01930	-.01873	-.01333	-.01350	-.01625	-.01549

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.401	-2.028	-.28309	-.28520	-.28701	-.28712	-.26147	-.25547	-.28313	-.29065	-.26231	-.26411
1.399	.076	-.29632	-.29786	-.31571	-.31834	-.30362	-.29872	-.31381	-.31301	-.29938	-.29396
1.399	2.205	-.30458	-.30526	-.34285	-.34201	-.34192	-.33384	-.33779	-.33813	-.33375	-.32111
1.398	4.281	-.31025	-.31236	-.36095	-.35979	-.37406	-.36937	-.35988	-.36021	-.36766	-.35550
1.400	6.338	-.31322	-.31362	-.37508	-.37648	-.40022	-.40095	-.37515	-.37689	-.39416	-.38856
	GRADIENT	-.00426	-.00422	-.01183	-.01148	-.01786	-.01790	-.01208	-.01110	-.01664	-.01431

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.549	-2.124	-.22649	-.22942	-.23520	-.23671	-.22312	-.21561	-.25214	-.26082	-.23247	-.23425
1.550	-.045	-.23725	-.24113	-.25863	-.25884	-.25224	-.24312	-.26480	-.27568	-.25404	-.25356
1.549	2.045	-.24008	-.24870	-.27538	-.27903	-.27974	-.27976	-.28059	-.29747	-.28160	-.28392
1.549	4.167	-.24561	-.25352	-.29109	-.29950	-.30977	-.31198	-.29410	-.31039	-.30819	-.31206
1.550	6.159	-.24842	-.25674	-.30312	-.30991	-.32904	-.33249	-.30263	-.31476	-.32814	-.33006
	GRADIENT	-.00290	-.00381	-.00879	-.00995	-.01371	-.01554	-.00676	-.00813	-.01215	-.01259

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	8.038	-.38654	-.36703	-.46424	-.45023	-.50054	-.49107	-.44810	-.44288	-.48189	-.47060
1.300	11.908	-.38466	-.36570	-.48161	-.46956	-.54748	-.53940	-.46166	-.45961	-.51468	-.50853
1.299	15.903	-.37185	-.36156	-.49027	-.48341	-.58137	-.57672	-.46828	-.45812	-.53644	-.52589
1.299	17.967	-.37092	-.36208	-.49010	-.47978	-.59385	-.58717	-.47045	-.46376	-.53478	-.53003
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.319	7.955	-.36778	-.35580	-.44421	-.43831	-.47930	-.47966	-.43703	-.42520	-.46700	-.45286
1.319	11.997	-.37077	-.35935	-.46748	-.46212	-.53176	-.53006	-.44990	-.44209	-.50335	-.48943
1.320	16.006	-.36433	-.34892	-.47512	-.46976	-.56366	-.56221	-.45644	-.44577	-.52358	-.51111
1.320	18.010	-.36060	-.34864	-.47053	-.46489	-.57460	-.57056	-.45501	-.45038	-.52186	-.51342
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.340	7.977	-.35529	-.34765	-.42857	-.42443	-.46469	-.46220	-.41999	-.41883	-.45068	-.44870
1.340	12.002	-.34885	-.34065	-.44446	-.43628	-.50982	-.50299	-.43760	-.43959	-.48786	-.48869
1.337	16.034	-.34356	-.33678	-.45645	-.45313	-.54915	-.54514	-.44441	-.43578	-.51027	-.50128
1.335	18.010	-.34923	-.34102	-.46125	-.45304	-.56542	-.55795	-.44174	-.44000	-.50787	-.50349
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.360	7.980	-.33630	-.33928	-.41787	-.41290	-.45241	-.45051	-.40532	-.41505	-.43585	-.44192
1.360	11.974	-.33774	-.33958	-.43774	-.43245	-.50117	-.49921	-.41824	-.43058	-.46995	-.47569
1.360	16.056	-.32816	-.32970	-.43992	-.44179	-.53269	-.53300	-.42133	-.43020	-.48640	-.49239
1.361	17.986	-.33293	-.32960	-.43930	-.43687	-.53871	-.53701	-.42070	-.42785	-.48666	-.48950
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.378	7.985	-.33404	-.32356	-.40215	-.39921	-.43870	-.43596	-.39648	-.39391	-.43273	-.42219
1.380	11.946	-.32826	-.31951	-.42119	-.41679	-.48173	-.48152	-.40722	-.40893	-.46008	-.45437
1.381	16.045	-.32331	-.31194	-.42866	-.42567	-.51585	-.51733	-.41148	-.41291	-.47721	-.47404
1.381	17.961	-.32294	-.31562	-.42447	-.42322	-.51937	-.52054	-.40678	-.40993	-.47199	-.46855
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.400	7.991	-.31286	-.30438	-.38783	-.37748	-.42267	-.41736	-.38130	-.38218	-.41379	-.41102
1.400	11.952	-.31241	-.30707	-.40687	-.40021	-.46893	-.46530	-.39977	-.39234	-.44981	-.44010
1.401	16.014	-.30887	-.30297	-.41323	-.40942	-.49667	-.49530	-.39898	-.39499	-.46158	-.45529
1.399	17.971	-.30890	-.30729	-.40690	-.40596	-.50714	-.50377	-.39895	-.40039	-.46036	-.45865
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.450	7.985	-.28943	-.28781	-.35749	-.36034	-.39463	-.39936	-.35185	-.36133	-.38713	-.38870
1.449	11.857	-.28613	-.28595	-.37314	-.37282	-.43635	-.43648	-.36691	-.37295	-.41459	-.41697
1.451	16.025	-.28265	-.27759	-.38061	-.38056	-.46077	-.46288	-.36807	-.37182	-.42755	-.42648
1.451	18.092	-.28743	-.28380	-.38058	-.37767	-.46997	-.46978	-.36860	-.37293	-.42813	-.42763
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.201	-1.766	-.08669	-.08318	-.08451	-.00309	-.07450	-.07735	-.07237	-.07025	-.07514	-.07170
.201	2.228	-.09933	-.09230	-.09787	-.10001	-.08865	-.09147	-.08228	-.07946	-.08502	-.07948
.201	6.192	-.10578	-.10228	-.10798	-.11076	-.09859	-.10715	-.08646	-.08863	-.09279	-.08508
.201	10.191	-.11265	-.10772	-.12046	-.12262	-.10760	-.10973	-.09618	-.09334	-.09821	-.09265
.200	14.198	-.12716	-.12146	-.13362	-.13797	-.11843	-.12275	-.10760	-.10618	-.10676	-.10332
.201	18.204	-.13394	-.12521	-.13602	-.14102	-.11397	-.11893	-.10688	-.10904	-.10391	-.10125
	GRADIENT	-.00315	-.00229	-.00335	-.00298	-.00354	-.00354	-.00248	-.00231	-.00247	-.00195

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.397	-1.964	-.08364	-.07859	-.08085	-.08233	-.06945	-.07101	-.06867	-.06752	-.06898	-.06361
.399	2.089	-.08865	-.08132	-.09017	-.09213	-.07966	-.08081	-.07305	-.07151	-.07412	-.06725
.400	6.076	-.09558	-.08943	-.10020	-.10138	-.08893	-.09047	-.07885	-.07848	-.08107	-.07307
.399	10.062	-.11047	-.10353	-.11744	-.11940	-.10380	-.10535	-.09252	-.09177	-.09319	-.08790
.399	14.055	-.12101	-.11485	-.12836	-.13072	-.11199	-.11470	-.10265	-.10190	-.10019	-.09530
.398	18.049	-.13739	-.13160	-.14125	-.14479	-.12089	-.12439	-.11738	-.11781	-.10903	-.10570
	GRADIENT	-.00124	-.00067	-.00230	-.00229	-.00252	-.00242	-.00108	-.00099	-.00127	-.00090

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.599	-1.951	-.09242	-.08660	-.08857	-.08893	-.07750	-.07852	-.07820	-.07580	-.07569	-.07063
.600	2.115	-.09774	-.09178	-.09890	-.09857	-.08961	-.09028	-.08429	-.08156	-.08333	-.07746
.601	6.089	-.10710	-.10099	-.11151	-.11101	-.10071	-.10052	-.09129	-.08926	-.09067	-.08483
.600	10.078	-.11978	-.11279	-.12525	-.12509	-.11128	-.11178	-.10181	-.09926	-.09860	-.09376
.600	14.086	-.13419	-.12755	-.13983	-.13985	-.12189	-.12325	-.11518	-.11279	-.10953	-.10350
.598	18.076	-.15212	-.14563	-.15362	-.15503	-.12987	-.13262	-.12971	-.12871	-.11848	-.11434
	GRADIENT	-.00131	-.00127	-.00254	-.00237	-.00298	-.00289	-.00150	-.00142	-.00188	-.00168

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.699	-1.936	-.09683	-.09111	-.09266	-.09226	-.08096	-.08178	-.08180	-.08004	-.07909	-.07400
.702	2.061	-.10263	-.09736	-.10409	-.10301	-.09356	-.09409	-.08809	-.08566	-.08676	-.08089
.703	6.114	-.11360	-.10682	-.11753	-.11617	-.10561	-.10546	-.09631	-.09401	-.09469	-.08924
.701	10.066	-.12799	-.12066	-.13246	-.13152	-.11792	-.11804	-.10777	-.10561	-.10395	-.09905
.700	14.084	-.14662	- 13943	-.15123	-.15112	-.13338	-.13432	-.12405	-.12216	-.11665	-.11203
.697	18.070	-.16877	-.16210	-.16940	-.17108	-.14493	-.14809	-.14121	-.14125	-.12807	-.12371
	GRADIENT	-.00145	-.00156	-.00286	-.00269	-.00315	-.00308	-.00157	-.00141	-.00192	-.00172

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.801	-1.983	-.10041	-.09346	-.09612	-.09452	-.08449	-.08483	-.08405	-.08165	-.08084	-.07580
.800	1.919	-.11117	-.10325	-.11228	-.11021	-.10210	-.10174	-.09158	-.08929	-.08998	-.08400
.800	5.912	-.13230	-.12323	-.13931	-.13689	-.13248	-.13200	-.10888	-.10694	-.10726	-.10234
.800	9.967	-.15615	-.14850	-.16916	-.16895	-.16384	-.16486	-.13344	-.13290	-.13099	-.12715
.600	13.967	-.18775	-.17072	-.18571	-.18851	-.17390	-.18372	-.15562	-.15636	-.14806	-.14528
.799	18.030	-.21965	-.19634	-.22456	-.21426	-.19823	-.20145	-.17877	-.18253	-.16619	-.16296
	GRADIENT	-.00276	-.00251	-.00414	-.00402	-.00451	-.00433	-.00193	-.00196	-.00234	-.00210

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.900	-1.953	-.25661	-.24884	-.24951	-.24507	-.23651	-.23435	-.21796	-.21964	-.19471	-.19419
.900	1.965	-.27521	-.26836	-.29176	-.28459	-.27318	-.27213	-.24803	-.24971	-.25012	-.24713
.900	5.944	-.28240	-.27740	-.32121	-.31598	-.31736	-.31459	-.28284	-.28179	-.27842	-.27770
.900	9.984	-.28409	-.28203	-.33652	-.33433	-.35823	-.36174	-.30907	-.30773	-.32844	-.32698
.900	13.992	-.28702	-.28496	-.34775	-.34586	-.38909	-.39077	-.32616	-.32685	-.35903	-.35782
.900	17.996	-.28745	-.28346	-.35425	-.35267	-.40583	-.40933	-.34201	-.34239	-.37749	-.37691
	GRADIENT	-.00475	-.00498	-.01079	-.01009	-.00936	-.00964	-.00768	-.00768	-.01414	-.01351

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

M CH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.950	-1.973	-.23254	-.22651	-.22485	-.22131	-.21137	-.21029	-.20514	-.20799	-.20061	-.20072
.950	1.989	-.24742	-.24276	-.26272	-.25871	-.24531	-.24567	-.22986	-.23040	-.23069	-.22901
.950	6.006	-.25556	-.25127	-.29006	-.28489	-.28881	-.28656	-.26388	-.26317	-.26199	-.25909
.950	9.980	-.25597	-.25410	-.30358	-.30073	-.32273	-.32624	-.28246	-.28243	-.30160	-.30088
.950	14.007	-.25802	-.25567	-.31243	-.31093	-.34752	-.35132	-.29507	-.29533	-.32514	-.32387
.950	17.985	-.25709	-.25396	-.31752	-.31659	-.36252	-.36778	-.30647	-.30751	-.33564	-.33853
	GRADIENT	-.00376	-.00410	-.00956	-.00944	-.00857	-.00893	-.00624	-.00566	-.00759	-.00714

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.980	-2.021	-.21651	-.21224	-.20931	-.20625	-.19621	-.19591	-.19483	-.19703	-.19137	-.19062
.979	2.041	-.23150	-.22705	-.24602	-.24259	-.23198	-.23092	-.21777	-.21810	-.21718	-.21628
.980	6.025	-.23853	-.23474	-.27093	-.26591	-.26831	-.26837	-.24896	-.24893	-.24881	-.24514
.980	9.998	-.23929	-.23709	-.28423	-.28146	-.30277	-.30610	-.26610	-.26589	-.28530	-.28403
.980	14.003	-.24019	-.23855	-.29227	-.29100	-.32590	-.32914	-.27601	-.27729	-.29352	-.30407
.980	18.003	-.23939	-.23635	-.29677	-.29606	-.34019	-.34493	-.28698	-.28770	-.31719	-.31811
	GRADIENT	-.00369	-.00365	-.00904	-.00895	-.00881	-.00862	-.00565	-.00519	-.00636	-.00632

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.050	-1.995	-.18176	-.17714	-.17607	-.17313	-.16305	-.16224	-.16366	-.16597	-.16113	-.16029
1.049	2.060	-.19506	-.19093	-.20792	-.20596	-.19410	-.19496	-.18622	-.18785	-.18436	-.18414
1.049	6.072	-.20070	-.19796	-.23092	-.22651	-.23241	-.23139	-.21516	-.21591	-.21830	-.21369
1.050	10.045	-.20264	-.20030	-.24336	-.24063	-.26080	-.26323	-.22831	-.22916	-.24768	-.24578
1.050	14.074	-.20336	-.20014	-.24980	-.24806	-.28005	-.28367	-.23741	-.23796	-.26387	-.26238
1.049	18.029	-.20115	-.19890	-.25281	-.25235	-.29428	-.29711	-.24514	-.24629	-.27431	-.27361
	GRADIENT	-.00328	-.00340	-.00785	-.00810	-.00766	-.00807	-.00556	-.00539	-.00573	-.00588

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.100	-2.011	-.15427	-.14911	-.14886	-.14602	-.13683	-.13481	-.13656	-.13861	-.13394	-.13367
1.099	2.052	-.16692	-.16216	-.17869	-.17681	-.16619	-.16684	-.15934	-.16053	-.15718	-.15742
1.100	6.005	-.17219	-.16924	-.20073	-.19656	-.20016	-.20137	-.18635	-.18707	-.18931	-.18502
1.100	10.024	-.17539	-.17263	-.21380	-.21105	-.22965	-.23334	-.20093	-.20165	-.21991	-.21871
1.100	14.083	-.17571	-.17305	-.22093	-.21904	-.24988	-.25319	-.20997	-.21059	-.23468	-.23435
1.100	18.076	-.17504	-.17247	-.22363	-.22318	-.26340	-.26614	-.21735	-.21845	-.24493	-.24471
	GRADIENT	-.00311	-.00321	-.00734	-.00758	-.00723	-.00788	-.00561	-.00540	-.00572	-.00584

RUN NO. 27 / 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.148	-1.987	-.13871	-.13302	-.13409	-.13169	-.12060	-.12021	-.12322	-.12484	-.12040	-.11928
1.149	2.086	-.14910	-.14424	-.16032	-.15875	-.14941	-.15005	-.14495	-.14574	-.14183	-.14130
1.151	6.046	-.15388	-.15082	-.17949	-.17599	-.18144	-.18114	-.16849	-.16945	-.17165	-.16801
1.151	10.040	-.15576	-.15288	-.19122	-.18808	-.20554	-.20849	-.18037	-.18032	-.19756	-.19553
1.150	14.088	-.15434	-.15154	-.19678	-.19466	-.22344	-.22668	-.18702	-.18734	-.20994	-.20903
1.150	18.062	-.15163	-.14940	-.19662	-.19618	-.23617	-.23717	-.19162	-.19232	-.21747	-.21611
	GRADIENT	-.00255	-.00276	-.00644	-.00664	-.00707	-.00732	-.00534	-.00513	-.00526	-.00541

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.200	-1.998	-.12378	-.11949	-.12164	-.11874	-.10971	-.10706	-.11118	-.11285	-.10761	-.10641
1.200	2.045	-.13364	-.12934	-.14425	-.14318	-.13477	-.13621	-.13297	-.13318	-.12919	-.12866
1.199	6.060	-.13824	-.13587	-.16234	-.15962	-.16453	-.16578	-.15397	-.15465	-.15837	-.15496
1.199	10.055	-.14033	-.13751	-.17363	-.17092	-.18858	-.19047	-.16500	-.16504	-.18150	-.17967
1.200	14.080	-.13815	-.13486	-.17851	-.17634	-.20469	-.20694	-.16922	-.16936	-.19157	-.19021
1.200	18.036	-.13547	-.13291	-.17791	-.17730	-.21430	-.21674	-.17246	-.17278	-.19535	-.19454
	GRADIENT	-.00244	-.00244	-.00559	-.00604	-.00620	-.00721	-.00539	-.00503	-.00534	-.00550

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	-1.999	-.10515	-.10038	-.10453	-.10203	-.09245	-.09089	-.09730	-.09539	-.09246	-.08961
1.300	2.014	-.11262	-.10660	-.12281	-.11954	-.11624	-.11555	-.11664	-.11397	-.11305	-.10946
1.300	5.952	-.11604	-.10925	-.13635	-.13193	-.14089	-.13981	-.12855	-.12926	-.13421	-.13239
1.300	9.980	-.11537	-.11003	-.14554	-.14092	-.16011	-.16000	-.13764	-.13806	-.15322	-.15133
1.300	14.018	-.11397	-.10969	-.14958	-.14738	-.17403	-.17517	-.14255	-.14123	-.16297	-.16157
1.300	18.041	-.10970	-.10862	-.14973	-.14734	-.18111	-.18254	-.14328	-.14109	-.16398	-.16306
	GRADIENT	-.00186	-.00155	-.00456	-.00436	-.00593	-.00614	-.00482	-.00463	-.00513	-.00495

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.550	-1.888	-.06609	-.06358	-.06722	-.06776	-.06203	-.06181	-.07073	-.07139	-.06441	-.06451
1.550	2.047	-.07312	-.07032	-.08186	-.08071	-.07901	-.08185	-.08493	-.08442	-.08431	-.08244
1.550	6.027	-.07575	-.07126	-.09232	-.08926	-.09654	-.09833	-.09222	-.09256	-.09889	-.09819
1.549	10.107	-.07468	-.07177	-.09694	-.09600	-.10814	-.11130	-.09516	-.09603	-.10720	-.10726
1.550	14.069	-.07403	-.06986	-.10057	-.09889	-.11712	-.12100	-.09858	-.09797	-.11406	-.11265
1.549	18.098	-.07398	-.06896	-.09961	-.09793	-.12410	-.12535	-.09656	-.09648	-.11418	-.11383
	GRADIENT	-.00179	-.00171	-.00372	-.00329	-.00431	-.00509	-.00361	-.00331	-.00506	-.00456

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.219	8.054	-.14184	-.12411	-.16540	-.15637	-.17101	-.17620	-.15795	-.15198	-.16064	-.16551
1.219	11.957	-.14140	-.12390	-.17444	-.16317	-.18671	-.19229	-.16690	-.15653	-.18253	-.17671
1.220	16.095	-.13775	-.12172	-.17778	-.16522	-.20322	-.20300	-.16965	-.16124	-.19215	-.18368
1.218	18.084	-.13665	-.12186	-.17882	-.16634	-.21129	-.20674	-.16910	-.16421	-.19440	-.18749
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.240	8.054	-.13538	-.11940	-.15849	-.15063	-.16297	-.16985	-.15014	-.14667	-.15369	-.16024
1.240	11.968	-.13603	-.11781	-.16855	-.15644	-.18440	-.18584	-.15899	-.15188	-.17564	-.17140
1.238	15.977	-.13150	-.11869	-.17118	-.16132	-.19897	-.19777	-.16210	-.15512	-.18427	-.17663
1.239	19.075	-.12865	-.11853	-.17088	-.16099	-.20461	-.20021	-.16119	-.15724	-.18637	-.18032
	GRADIENT	.00000	.00000	.00000	.00001	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.260	8.045	-.13123	-.11287	-.15347	-.14360	-.15890	-.16305	-.14709	-.14005	-.15014	-.15308
1.259	11.981	-.13182	-.11416	-.16346	-.15127	-.17799	-.17961	-.15592	-.14685	-.17154	-.16705
1.258	15.984	-.12881	-.11125	-.16772	-.15391	-.19402	-.18981	-.15508	-.14957	-.17838	-.17056
1.258	18.096	-.12672	-.11205	-.16789	-.15269	-.19961	-.19134	-.15395	-.15166	-.17996	-.17304
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.280	8.039	-.12487	-.10934	-.14650	-.13907	-.15018	-.15810	-.14129	-.13581	-.14531	-.14989
1.280	11.999	-.12758	-.10685	-.15876	-.14389	-.17404	-.17199	-.15211	-.14015	-.16751	-.16060
1.280	15.970	-.12523	-.10325	-.16221	-.14598	-.18696	-.18220	-.15469	-.14070	-.17559	-.16221
1.279	18.105	-.12349	-.10595	-.16240	-.14666	-.19209	-.18520	-.15266	-.14438	-.17705	-.16570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	8.026	-.12150	-.10501	-.14214	-.13465	-.14618	-.15271	-.13571	-.13122	-.13904	-.14493
1.300	11.917	-.12404	-.10308	-.15250	-.13937	-.16287	-.16736	-.14676	-.13441	-.16148	-.15423
1.300	15.977	-.11883	-.10292	-.15524	-.14304	-.17861	-.17782	-.14583	-.13865	-.16798	-.15918
1.301	18.072	-.11589	-.10430	-.15464	-.14263	-.18324	-.17831	-.14436	-.14074	-.16779	-.16129
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.320	8.006	-.11782	-.10147	-.13804	-.13028	-.14245	-.14819	-.13220	-.12858	-.13552	-.14187
1.321	12.016	-.11482	-.09747	-.14596	-.13345	-.15935	-.16191	-.14119	-.13023	-.15529	-.14968
1.319	15.986	-.11533	-.09851	-.15019	-.13777	-.17276	-.17225	-.14308	-.13298	-.16355	-.15376
1.321	18.067	-.11215	-.10026	-.14968	-.13823	-.17810	-.17413	-.14285	-.13682	-.16524	-.15671
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.341	8.001	-.11469	-.09649	-.13412	-.12459	-.13881	-.14337	-.13089	-.12309	-.13515	-.13402
1.340	12.007	-.11394	-.09767	-.14175	-.13274	-.15395	-.15979	-.13581	-.12864	-.15065	-.14789
1.340	15.979	-.11033	-.09600	-.14540	-.13333	-.16871	-.16706	-.13870	-.13135	-.15831	-.15135
1.340	18.098	-.10693	-.09665	-.14512	-.13336	-.17272	-.16781	-.13642	-.13368	-.15879	-.15279
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (KVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.360	7.994	-.11026	-.09328	-.13013	-.12220	-.13568	-.14045	-.12660	-.11993	-.13078	-.13299
1.360	11.935	-.10712	-.09307	-.13519	-.12692	-.14720	-.15376	-.13178	-.12475	-.14460	-.14309
1.360	15.984	-.10636	-.09220	-.13989	-.12818	-.16174	-.16086	-.13438	-.12573	-.15407	-.14523
1.360	18.040	-.10557	-.09236	-.14103	-.12806	-.16698	-.16219	-.13379	-.12819	-.15616	-.14722
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.380	7.981	-.10599	-.09153	-.12534	-.11867	-.13041	-.13622	-.12259	-.11736	-.12714	-.13011
1.379	11.967	-.10514	-.08850	-.13382	-.12200	-.14536	-.14878	-.12783	-.12060	-.14200	-.13849
1.381	15.941	-.10135	-.08627	-.13558	-.12236	-.15852	-.15526	-.12950	-.12192	-.14896	-.14090
1.381	18.045	-.10020	-.08853	-.13458	-.12373	-.16165	-.15639	-.12897	-.12261	-.15018	-.14163
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.401	7.957	-.10333	-.08642	-.12150	-.11332	-.12522	-.13102	-.11780	-.11315	-.12244	-.12558
1.400	11.908	-.10292	-.08299	-.12906	-.11556	-.13981	-.14207	-.12488	-.11549	-.13826	-.13314
1.399	15.912	-.09888	-.08381	-.13137	-.11961	-.15232	-.15106	-.12430	-.11562	-.14377	-.13528
1.401	18.020	-.09658	-.08687	-.13018	-.12109	-.15634	-.15239	-.12387	-.11920	-.14433	-.13783
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.450	7.958	-.09599	-.07825	-.11269	-.10434	-.11888	-.12105	-.11128	-.10503	-.11583	-.11743
1.450	11.985	-.09446	-.07827	-.11944	-.10933	-.12995	-.13366	-.11669	-.10745	-.12965	-.12420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.400	16.008	-.09006	-.07674	-.12231	-.10933	-.14208	-.13986	-.11659	-.10764	-.13451	-.12611
1.40[illegible]	17.954	-.08939	-.07785	-.12197	-.11071	-.14098	-.14076	-.11568	-.11036	-.13598	-.12818
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.200	-1.724	-.33418	-.31318	-.32406	-.34930	-.29385	-.29149	-.28753	-.28931	-.29219	-.27015
.202	.162	-.32897	-.31461	-.32748	-.33967	-.30189	-.30592	-.29140	-.29314	-.29389	-.27209
.202	2.150	-.33790	-.31720	-.33856	-.34647	-.31299	-.31488	-.29189	-.29149	-.29651	-.27259
.200	4.102	-.36110	-.34442	-.37256	-.38056	-.34446	-.34637	-.31444	-.32048	-.32344	-.30132
.199	6.155	-.36929	-.35467	-.38302	-.39538	-.35255	-.35230	-.30279	-.32190	-.32271	-.30477
.200	8.172	-.37893	-.36015	-.39687	-.40696	-.36880	-.36639	-.33238	-.33194	-.33709	-.31711
.200	10.191	-.39620	-.37734	-.41211	-.42872	-.38388	-.38360	-.34725	-.35111	-.34983	-.32323
.200	12.186	-.41173	-.39080	-.43410	-.44415	-.39301	-.39488	-.36082	-.36465	-.35478	-.33472
.200	14.194	-.43551	-.41684	-.46212	-.47424	-.41044	-.41659	-.35903	-.39077	-.37883	-.35882
.199	16.200	-.46160	-.44482	-.48651	-.50100	-.43176	-.43582	-.40791	-.41611	-.39526	-.37707
	GRADIENT	-.00463	-.00496	-.00806	-.00520	-.00838	-.00892	-.00418	-.00473	-.00496	-.00484

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.250	-3.986	-.30558	-.28404	-.29716	-.30962	-.24096	-.24941	-.24316	-.25590	-.24378	-.24105
.251	-2.079	-.30990	-.28635	-.29940	-.31177	-.25854	-.26907	-.25215	-.26481	-.25494	-.25220
.251	-.007	-.31775	-.29424	-.31798	-.33244	-.27934	-.28769	-.25798	-.26847	-.26935	-.26017
.252	1.932	-.32733	-.30603	-.33397	-.34410	-.29544	-.30376	-.26774	-.28033	-.27484	-.27207
.253	3.917	-.33731	-.31629	-.34388	-.35806	-.30584	-.31404	-.27428	-.28881	-.28553	-.27856
.254	5.951	-.34917	-.32398	-.36204	-.37617	-.32196	-.33014	-.28206	-.29025	-.29752	-.28843
.253	7.977	-.36378	-.34058	-.38517	-.39934	-.34278	-.34887	-.30057	-.31301	-.30979	-.30486
.252	10.002	-.38236	-.36109	-.40822	-.42036	-.35905	-.36731	-.31433	-.33113	-.32579	-.31653
.251	11.976	-.40129	-.38193	-.42955	-.44392	-.37777	-.38610	-.33695	-.35174	-.33994	-.33487
.252	13.990	-.41999	-.39866	-.44382	-.46449	-.38807	-.40062	-.34964	-.36860	-.35478	-.3497:
.253	16.030	-.43799	-.41680	-.45953	-.47791	-.39568	-.41449	-.36601	-.38695	-.36264	-.36183
	GRADIENT	-.00408	-.00425	-.00647	-.00653	-.00841	-.00827	-.00393	-.00410	-.00522	-.00478

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.399	-1.885	-.30727	-.29488	-.30788	-.30968	-.27032	-.27128	-.27045	-.27125	-.26493	-.24568
.399	.013	-.31737	-.30390	-.31916	-.32676	-.29228	-.29206	-.27959	-.28154	-.27644	-.25844
.401	1.980	-.32598	-.31028	-.33473	-.33994	-.30685	-.30546	-.28498	-.28690	-.28534	-.26511
.400	3.996	-.34150	-.32692	-.35496	-.36017	-.32696	-.32439	-.29918	-.30110	-.30072	-.27923
.401	5.974	-.35582	-.33663	-.37162	-.37795	-.34480	-.34107	-.31126	-.31316	-.31281	-.29481
.400	8.006	-.37330	-.35523	-.39619	-.39901	-.36227	-.35734	-.32744	-.32933	-.32900	-.30624
.401	10.007	-.37655	-.36787	-.41555	-.41601	-.37719	-.37228	-.33794	-.34328	-.33720	-.31571
.400	12.047	-.40724	-.39039	-.43368	-.43878	-.39044	-.39132	-.35913	-.36038	-.35140	-.33210
.399	14.037	-.42583	-.40663	-.45120	-.45745	-.40317	-.40872	-.37413	-.38064	-.36639	-.34702
.399	16.028	-.46371	-.43639	-.47044	-.47899	-.41542	-.41979	-.39458	-.39872	-.37867	-.36163
	GRADIENT	-.00568	-.00524	-.00801	-.00840	-.00940	-.00880	-.00468	-.00485	-.00593	-.00547

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.600	-1.874	-.33243	-.31799	-.32275	-.32530	-.29376	-.29509	-.29442	-.29093	-.28651	-.26843
.600	.028	-.34100	-.32449	-.33908	-.34005	-.31058	-.31242	-.30246	-.29792	-.29817	-.28006
.601	2.030	-.35226	-.33581	-.35809	-.35697	-.32813	-.32995	-.31231	-.30777	-.30908	-.28842
.601	4.126	-.36765	-.35121	-.37713	-.37701	-.34661	-.34584	-.32407	-.31952	-.32085	-.30015
.602	6.079	-.38131	-.36339	-.39489	-.39424	-.36241	-.36163	-.33532	-.33025	-.33160	-.31095
.602	8.055	-.39648	-.37859	-.41471	-.41299	-.37966	-.37939	-.35209	-.34597	-.34530	-.32567
.601	10.054	-.41676	-.39730	-.43611	-.43384	-.39683	-.39655	-.36918	-.36303	-.35981	-.34010
.601	12.077	-.43696	-.41755	-.45685	-.45506	-.41606	-.41010	-.38534	-.37917	-.37291	-.35473
.600	14.076	-.46020	-.44233	-.48017	-.48041	-.42793	-.43123	-.40644	-.40178	-.38831	-.37058
.600	16.039	-.48528	-.46794	-.50066	-.50293	-.44320	-.44754	-.42894	-.42684	-.40669	-.38892
	GRADIENT	-.00586	-.00557	-.00911	-.00861	-.00880	-.00848	-.00495	-.00479	-.00569	-.00517

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.700	-2.035	-.35060	-.33495	-.34005	-.33782	-.30424	-.30859	-.31021	-.30150	-.30393	-.28012
.699	.139	-.35934	-.34253	-.35755	-.35530	-.32271	-.32620	-.31665	-.30796	-.31414	-.29164
.700	2.072	-.36942	-.35226	-.37426	-.37157	-.34015	-.34297	-.32646	-.31820	-.32396	-.30068
.701	4.008	-.38179	-.36425	-.39115	-.38804	-.35917	-.35786	-.33646	-.32819	-.33315	-.31073
.701	6.043	-.39716	-.37821	-.41070	-.40672	-.37511	-.37528	-.34933	-.34063	-.34562	-.32521
.701	8.045	-.41686	-.39820	-.43046	-.42886	-.39619	-.39515	-.36533	-.35789	-.35875	-.33832
.701	10.045	-.43943	-.41812	-.45125	-.45104	-.41594	-.41353	-.38314	-.37524	-.37041	-.35246
.699	12.024	-.46612	-.44431	-.48149	-.47823	-.43621	-.43436	-.40623	-.39867	-.38931	-.37008
.699	14.070	-.49809	-.47613	-.51211	-.51127	-.46371	-.46282	-.43231	-.42761	-.41085	-.39276
.699	16.050	-.52691	-.50309	-.53914	-.54323	-.47724	-.49116	-.45548	-.45826	-.42902	-.41178
	GRADIENT	-.00515	-.00485	-.00947	-.00838	-.00871	-.00920	-.00440	-.00549	-.00486	-.00503

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.800	-3.954	-.35149	-.33347	-.33159	-.32692	-.29711	-.29655	-.30757	-.29831	-.29613	-.27568
.800	-1.973	-.35755	-.33746	-.34634	-.34026	-.31222	-.31234	-.31261	-.30336	-.30466	-.28317
.800	-.059	-.36676	-.34663	-.36423	-.35846	-.33246	-.33153	-.31999	-.31141	-.31379	-.29153
.800	1.946	-.38630	-.36372	-.39179	-.38563	-.36276	-.36147	-.33218	-.32463	-.32809	-.30578
.800	3.976	-.41521	-.38953	-.43079	-.42076	-.40423	-.40013	-.35318	-.34389	-.34950	-.32822
.799	6.001	-.45113	-.42335	-.47407	-.46675	-.45407	-.45237	-.38350	-.37626	-.38022	-.36060
.800	7.989	-.48724	-.46124	-.52024	-.51460	-.50096	-.50409	-.41938	-.41317	-.41549	-.39791
.800	9.976	-.51908	-.49724	-.56011	-.56032	-.54289	-.54808	-.45641	-.45226	-.44982	-.43390
.800	12.010	-.55506	-.53698	-.57734	-.59313	-.56741	-.58613	-.49243	-.48929	-.47791	-.46680
.800	14.004	-.61562	-.56529	-.61186	-.62171	-.57760	-.60846	-.52623	-.52620	-.50238	-.49157
.800	15.992	-.67619	-.60633	-.67073	-.65965	-.60370	-.62902	-.55089	-.56162	-.52915	-.51793
	GRADIENT	-.00792	-.00701	-.01235	-.01180	-.01341	-.01298	-.00562	-.00570	-.00659	-.00647

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.850	-4.019	-.27329	-.24877	-.27768	-.26660	-.26273	-.25576	-.26987	-.26063	-.25563	-.24149
.849	-2.012	-.23562	-.21721	-.26201	-.25334	-.26936	-.26205	-.27166	-.26208	-.26324	-.24712
.850	-.045	-.24140	-.21973	-.25842	-.24069	-.27970	-.26915	-.27975	-.26983	-.27685	-.26036
.850	1.982	-.31776	-.27048	-.31117	-.27604	-.30815	-.28946	-.30106	-.29111	-.30698	-.28685
.850	3.930	-.46331	-.37317	-.44455	-.36572	-.40139	-.34974	-.32417	-.31811	-.33369	-.32067
.850	5.964	-.61996	-.50226	-.60484	-.49760	-.53312	-.45386	-.36718	-.36496	-.38524	-.37502
.850	7.991	-.67453	-.58945	-.70025	-.61576	-.63590	-.57625	-.42384	-.42806	-.44724	-.44725
.850	9.991	-.70725	-.65459	-.73751	-.68567	-.67514	-.64590	-.45032	-.45484	-.47116	-.47112
.850	12.013	-.72891	-.68181	-.74556	-.70023	-.67971	-.65148	-.47005	-.47520	-.48670	-.49116
.849	14.018	-.76116	-.72660	-.77301	-.73823	-.69698	-.67678	-.48594	-.48267	-.49519	-.49413
.850	16.010	-.76568	-.73659	-.77171	-.74207	-.69657	-.67860	-.55174	-.53773	-.54034	-.52752
	GRADIENT	-.02319	-.01515	-.01921	-.01105	-.01586	-.01081	-.00693	-.00723	-.01004	-.00995

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.899	-1.933	-.81633	-.79498	-.79676	-.78316	-.75716	-.75153	-.71356	-.71536	-.66556	-.66020
.900	-.054	-.84940	-.82749	-.85578	-.83907	-.81523	-.80565	-.76079	-.75953	-.74628	-.73205
.900	1.933	-.87402	-.85091	-.91903	-.89890	-.87361	-.86187	-.79743	-.79703	-.80136	-.78974
.900	3.933	-.88771	-.86947	-.97027	-.95280	-.93726	-.92159	-.83024	-.83070	-.83662	-.82977
.900	5.933	-.89420	-.87808	-1.00805	-.99323	-1.00482	-.98610	-.88340	-.87899	-.87718	-.86846
.899	7.938	-.89641	-.88870	-1.03604	-1.02145	-1.07586	-1.05526	-.92718	-.92512	-.92302	-.92183
.900	9.976	-.89816	-.89348	-1.05059	-1.04111	-1.11836	-1.10857	-.95419	-.95210	-1.01616	-.99517
.900	11.997	-.90275	-.89597	-1.06478	-1.05798	-1.16472	-1.15491	-.98165	-.97982	-1.06232	-1.05148
.900	14.015	-.90831	-.89913	-1.08146	-1.07073	-1.20244	-1.19260	-1.00768	-1.00762	-1.10282	-1.08922
.900	15.994	-.90978	-.89848	-1.09466	-1.08119	-1.22878	-1.22132	-1.03764	-1.03393	-1.12602	-1.11477
.900	18.001	-.91342	-.90033	-1.11205	-1.10036	-1.24638	-1.24222	-1.07525	-1.06939	-1.14734	-1.14087
	GRADIENT	-.01216	-.01258	-.02979	-.02903	-.03057	-.02892	-.01972	-.01956	-.02894	-.02886

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.950	-3.991	-.70499	-.68947	-.67168	-.65857	-.63307	-.62918	-.62854	-.63991	-.58543	-.58680
.950	-2.011	-.74467	-.72541	-.72351	-.71264	-.68170	-.67836	-.66303	-.67150	-.65182	-.65045
.950	.026	-.77119	-.75474	-.77998	-.76961	-.73329	-.73135	-.69935	-.70490	-.70240	-.69833
.951	1.927	-.78903	-.77411	-.83515	-.82181	-.78699	-.78156	-.73604	-.73782	-.74032	-.73358
.950	3.960	-.80703	-.78894	-.87741	-.86575	-.85144	-.83992	-.78636	-.78233	-.78121	-.77294
.950	5.989	-.81300	-.79953	-.91858	-.90225	-.92318	-.90440	-.83762	-.83645	-.83289	-.82076
.950	7.985	-.81645	-.80585	-.94467	-.92944	-.98276	-.96970	-.86998	-.87340	-.90496	-.88632
.949	9.968	-.81684	-.80993	-.96101	-.95123	-1.03407	-1.02761	-.89669	-.89691	-.95665	-.95321
.950	12.032	-.81810	-.81241	-.97490	-.96828	-1.07679	-1.06656	-.91292	-.91631	-.99835	-.98790
.950	14.000	-.82073	-.81417	-.98655	-.98077	-1.10696	-1.10074	-.93176	-.93399	-1.02509	-1.01833
.950	15.959	-.82059	-.81201	-.99331	-.98926	-1.13160	-1.13057	-.94951	-.95086	-1.04372	-1.04618
.950	18.010	-.81845	-.80810	-1.00130	-.99694	-1.14265	-1.15058	-.96779	-.97115	-1.05653	-1.06535
	GRADIENT	-.01253	-.01249	-.02636	-.02638	-.02732	-.02645	-.01959	-.01770	-.02420	-.02296

0A232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.978	-1.951	-.68906	-.67415	-.66963	-.66185	-.63032	-.62625	-.60403	-.61165	-.60025	-.59557
.979	.004	-.71215	-.69110	-.71597	-.70951	-.67579	-.67113	-.62599	-.62995	-.62699	-.62143
.980	1.929	-.71637	-.70040	-.76658	-.75196	-.72227	-.71703	-.65833	-.65833	-.65713	-.64678
.980	3.952	-.71873	-.70558	-.80260	-.78405	-.77704	-.76592	-.70291	-.69813	-.69646	-.68578
.980	5.970	-.72452	-.71109	-.81823	-.80745	-.83171	-.80633	-.76203	-.74768	-.73803	-.72588
.979	7.957	-.72378	-.71564	-.84420	-.83309	-.88481	-.86410	-.79267	-.79055	-.81177	-.78215
.977	9.994	-.72213	-.71677	-.86659	-.85793	-.93248	-.92484	-.81860	-.81673	-.86834	-.85257
.980	12.005	-.71679	-.71115	-.87297	-.86767	-.96528	-.95931	-.83375	-.82907	-.89824	-.88720
.977	13.977	-.71934	-.71622	-.88756	-.88447	-1.00336	-.99401	-.84890	-.84755	-.92461	-.92164
.978	16.022	-.71676	-.71000	-.88537	-.88452	-1.02725	-1.01928	-.85451	-.85148	-.95101	-.94016
.978	18.021	-.71350	-.70259	-.88261	-.88093	-1.03540	-1.03720	-.85716	-.85609	-.94690	-.95587
	GRADIENT	-.00473	-.00527	-.02288	-.02082	-.02479	-.02368	-.01677	-.01468	-.01625	-.01509

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.050	-4.011	-.56163	-.54719	-.52590	-.51802	-.48903	-.48722	-.51040	-.51654	-.49053	-.48771
1.050	-2.006	-.59030	-.57468	-.57442	-.56469	-.53280	-.52919	-.53465	-.54314	-.52936	-.52676
1.050	-.055	-.60926	-.59630	-.62506	-.61438	-.57928	-.57535	-.56250	-.57126	-.56350	-.55935
1.050	1.946	-.62790	-.61553	-.66711	-.66051	-.63166	-.62591	-.60096	-.60674	-.59730	-.59693
1.050	3.967	-.63928	-.62691	-.70158	-.69404	-.69099	-.67929	-.65261	-.65007	-.64016	-.63556
1.050	5.950	-.64482	-.63572	-.73601	-.72194	-.74788	-.73409	-.68799	-.69045	-.69816	-.68014
1.050	8.010	-.65170	-.64259	-.75901	-.74754	-.79516	-.78931	-.71683	-.71514	-.75051	-.74095
1.050	9.991	-.65217	-.64425	-.77486	-.76514	-.84029	-.83264	-.72855	-.73187	-.78924	-.78226
1.050	11.987	-.65204	-.64559	-.78719	-.78012	-.87543	-.86686	-.74382	-.74802	-.81613	-.81088
1.050	14.029	-.65131	-.64517	-.79542	-.78982	-.90096	-.89534	-.75655	-.75690	-.83767	-.83238
1.049	15.995	-.64925	-.64399	-.79970	-.79793	-.92131	-.91951	-.76789	-.77119	-.85237	-.85030
1.050	17.990	-.64604	-.63812	-.80220	-.80014	-.93310	-.93455	-.77871	-.78258	-.86814	-.86545
	GRADIENT	-.00968	-.01006	-.02230	-.02249	-.02526	-.02416	-.01763	-.01662	-.01845	-.01838

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.101	-1.969	-.50028	-.48644	-.48604	-.47754	-.44816	-.44442	-.45295	-.45780	-.44603	-.43781
1.099	.055	-.52444	-.51087	-.53921	-.52916	-.49772	-.49306	-.48387	-.48870	-.48443	-.47784
1.099	2.012	-.53972	-.52849	-.57657	-.56934	-.54375	-.53764	-.51446	-.51466	-.51103	-.50642
1.101	4.037	-.54849	-.53701	-.60787	-.60118	-.59286	-.58358	-.54991	-.54636	-.53966	-.53100
1.098	6.006	-.55613	-.54577	-.63865	-.62703	-.65371	-.63864	-.59374	-.58897	-.59413	-.57848
1.101	8.047	-.55617	-.54419	-.64921	-.63708	-.68979	-.67736	-.61061	-.61069	-.64440	-.62621
1.098	10.017	-.55728	-.54567	-.66328	-.65487	-.72649	-.72062	-.63258	-.62867	-.68232	-.67464
1.102	12.052	-.55197	-.54178	-.66803	-.66245	-.75859	-.74960	-.63793	-.64080	-.70858	-.69860
1.099	14.010	-.55446	-.54510	-.67777	-.67188	-.78799	-.78179	-.65018	-.65105	-.73341	-.72564
1.100	16.025	-.55510	-.54745	-.67858	-.67496	-.80765	-.80173	-.65158	-.65359	-.74324	-.73405
1.100	18.045	-.55822	-.54832	-.67566	-.67373	-.81873	-.81450	-.65321	-.65662	-.74761	-.74012
	GRADIENT	-.00801	-.00848	-.02017	-.02058	-.02404	-.02313	-.01610	-.01460	-.01540	-.01543

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-3.934	-.43489	-.41847	-.40224	-.39188	-.36527	-.35944	-.38597	-.39099	-.37205	-.36595
1.150	-1.988	-.45661	-.44025	-.44468	-.43735	-.40393	-.40115	-.40899	-.41787	-.40270	-.39989
1.148	.000	-.47360	-.46240	-.48855	-.48136	-.44732	-.44533	-.43501	-.44734	-.43207	-.43453
1.150	1.998	-.48959	-.47287	-.52292	-.51739	-.49535	-.49166	-.47389	-.48025	-.46630	-.46643
1.150	4.013	-.49798	-.48607	-.55370	-.54648	-.54572	-.53674	-.51742	-.51927	-.50690	-.50444
1.150	6.026	-.50408	-.49458	-.58248	-.57208	-.59492	-.58722	-.54640	-.55361	-.56007	-.54963
1.149	8.010	-.50885	-.49966	-.60218	-.59289	-.63473	-.63263	-.57322	-.57253	-.60148	-.59854
1.149	10.080	-.50973	-.50169	-.61819	-.60862	-.67691	-.67031	-.58399	-.58692	-.63908	-.63355
1.150	12.022	-.50834	-.49977	-.62725	-.61938	-.70356	-.69725	-.59207	-.59693	-.65786	-.65314
1.146	14.094	-.50667	-.50112	-.63790	-.63192	-.73155	-.72771	-.59883	-.61044	-.67182	-.67574
1.147	16.036	-.50350	-.49908	-.63995	-.63733	-.74618	-.74541	-.60434	-.61619	-.68302	-.68774
1.149	18.044	-.49853	-.49161	-.63378	-.63340	-.75618	-.75623	-.61638	-.62262	-.69573	-.69427
	GRADIENT	-.00800	-.00643	-.01916	-.01957	-.02276	-.02239	-.01650	-.01605	-.01677	-.01728

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.199	-1.874	-.41040	-.39686	-.40245	-.39663	-.36723	-.36452	-.37693	-.38189	-.36701	-.36255
1.200	.013	-.42495	-.41311	-.44040	-.43345	-.40719	-.40310	-.40330	-.40902	-.39480	-.39113
1.199	2.024	-.44072	-.42833	-.47309	-.46825	-.45313	-.44738	-.43865	-.44081	-.42908	-.42426
1.198	4.065	-.44825	-.43832	-.50160	-.49590	-.49904	-.48945	-.47532	-.47444	-.46606	-.45872
1.200	5.985	-.45199	-.44479	-.52516	-.51725	-.53754	-.53037	-.49346	-.49745	-.50492	-.49208
1.198	8.062	-.45948	-.45176	-.54795	-.53975	-.57874	-.57427	-.52365	-.52028	-.54599	-.53854
1.198	10.072	-.46010	-.45265	-.56118	-.55349	-.61291	-.60571	-.53360	-.53265	-.57854	-.56967
1.198	12.020	-.45857	-.44974	-.56956	-.56240	-.63686	-.62909	-.54059	-.53990	-.59568	-.58514
1.201	13.911	-.45295	-.44522	-.57488	-.56826	-.65510	-.64922	-.54650	-.54553	-.60667	-.59721
1.199	16.059	-.44752	-.43867	-.57844	-.57343	-.67272	-.66764	-.55380	-.55228	-.61548	-.60816
1.200	18.069	-.44675	-.43901	-.57629	-.57157	-.68339	-.67886	-.55986	-.55888	-.62195	-.61382
	GRADIENT	-.00651	-.00703	-.01662	-.01675	-.02226	-.02113	-.01668	-.01561	-.01673	-.01623

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.301	-2.099	-.34957	-.33577	-.34736	-.34049	-.31029	-.30864	-.33109	-.32322	-.31770	-.30252
1.299	-.054	-.36498	-.34748	-.37827	-.36964	-.35153	-.34356	-.35571	-.35010	-.34264	-.32886
1.300	1.992	-.37429	-.35654	-.40561	-.39610	-.39407	-.38236	-.38567	-.37917	-.37551	-.36055
1.301	3.918	-.37593	-.36021	-.42811	-.41485	-.42887	-.41514	-.40533	-.40367	-.40694	-.38937
1.299	6.013	-.38634	-.36488	-.44775	-.43387	-.46224	-.45191	-.41950	-.42125	-.43633	-.42384
1.300	7.959	-.38343	-.36658	-.46103	-.44773	-.49122	-.48260	-.43684	-.43485	-.46568	-.45573
1.301	9.958	-.38135	-.36563	-.47099	-.45681	-.51377	-.50713	-.44479	-.44394	-.49198	-.48055
1.299	12.010	-.38294	-.36577	-.48128	-.46764	-.54356	-.53232	-.45418	-.45504	-.50717	-.50057
1.299	14.013	-.37987	-.36495	-.48598	-.47458	-.55850	-.55095	-.45794	-.45305	-.51886	-.50877
1.300	15.979	-.37121	-.36031	-.48736	-.47942	-.57260	-.56763	-.46168	-.45394	-.52561	-.51067
1.298	18.014	-.36783	-.36152	-.48649	-.47770	-.58372	-.57788	-.46827	-.45996	-.52559	-.51753
	GRADIENT	-.00442	-.00411	-.01343	-.01243	-.01983	-.01783	-.01258	-.01346	-.01495	-.01454

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.401	-1.978	-.29349	-.28017	-.29289	-.28840	-.26442	-.26365	-.28234	-.28972	-.26600	-.26438
1.401	.046	-.30195	-.29177	-.31718	-.31465	-.29928	-.29332	-.30920	-.30909	-.29891	-.28803
1.399	1.976	-.31241	-.29740	-.34368	-.33510	-.33873	-.32932	-.32540	-.33301	-.32090	-.31805
1.398	3.877	-.31067	-.30367	-.35788	-.35270	-.36413	-.36071	-.34558	-.35204	-.35031	-.34624
1.400	5.875	-.31372	-.30646	-.37422	-.36617	-.39047	-.38820	-.36313	-.36553	-.37934	-.37581
1.399	7.959	-.31116	-.30703	-.38741	-.37759	-.42155	-.41321	-.37887	-.37896	-.40696	-.40396
1.401	9.928	-.31416	-.30744	-.39482	-.38671	-.44081	-.43504	-.38713	-.38319	-.42681	-.42146
1.399	11.970	-.30962	-.30665	-.40036	-.39627	-.46399	-.45879	-.39126	-.39019	-.44116	-.43638
1.400	13.987	-.31129	-.30689	-.40632	-.40365	-.47883	-.47678	-.39320	-.39012	-.44827	-.44291
1.401	15.964	-.30319	-.30308	-.40907	-.40611	-.48982	-.48891	-.39133	-.38881	-.45085	-.44748
1.398	17.979	-.30860	-.30792	-.40282	-.40503	-.49577	-.49514	-.39458	-.39695	-.45026	-.44920
	GRADIENT	-.00319	-.00391	-.01137	-.01095	-.01737	-.01677	-.01057	-.01081	-.01411	-.01412

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.550	-3.908	-.21594	-.20047	-.20881	-.20154	-.18502	-.17699	-.21098	-.21683	-.19025	-.19110
1.550	-1.938	-.22800	-.22136	-.23323	-.23541	-.21254	-.21429	-.24175	-.24569	-.22388	-.22403
1.549	.101	-.24321	-.23309	-.25765	-.25663	-.24266	-.24629	-.26489	-.26534	-.25248	-.24813
1.549	2.006	-.25172	-.24225	-.27914	-.27461	-.27461	-.27537	-.28542	-.28648	-.28387	-.27882
1.551	4.041	-.25872	-.24608	-.29597	-.28856	-.30505	-.30231	-.29496	-.29538	-.30422	-.29818
1.550	6.042	-.25772	-.24316	-.30959	-.29962	-.32946	-.32575	-.30731	-.30994	-.32932	-.32640
1.550	8.071	-.25528	-.24832	-.31771	-.31279	-.34649	-.34690	-.31511	-.31805	-.34671	-.34248
1.550	10.068	-.25533	-.24563	-.32238	-.32031	-.36504	-.36543	-.31661	-.32113	-.35419	-.35439
1.550	12.078	-.25039	-.24567	-.32689	-.32451	-.38124	-.38162	-.32398	-.32533	-.36885	-.36522
1.549	14.111	-.25145	-.23943	-.33442	-.32885	-.39742	-.39620	-.32770	-.32682	-.37614	-.37217
1.550	16.076	-.24567	-.23619	-.33369	-.32970	-.40490	-.40590	-.32601	-.32324	-.37952	-.37396
	GRADIENT	-.00551	-.00565	-.01110	-.01075	-.01522	-.01571	-.01066	-.00997	-.01451	-.01355

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.199	-1.834	-.34208	-.31220	-.33187	-.33565	-.29704	-.30116	-.29066	-.29245	-.29101	-.26877
.201	.185	-.32813	-.30300	-.31808	-.33676	-.29021	-.30922	-.28179	-.28782	-.28214	-.27306
.201	2.159	-.34028	-.32364	-.33879	-.36608	-.30866	-.33632	-.29163	-.30626	-.29628	-.29146
.200	4.155	-.37780	-.33325	-.34412	-.38004	-.31394	-.35023	-.29474	-.31582	-.29726	-.30101
.200	6.093	-.35760	-.35385	-.36045	-.40723	-.32801	-.37088	-.30227	-.33850	-.30264	-.31934
.200	7.827	-.37256	-.37530	-.37976	-.43530	-.34722	-.40967	-.32791	-.35558	-.32181	-.34069
.200	9.847	-.38811	-.39305	-.39752	-.45529	-.36059	-.41231	-.33258	-.37544	-.32864	-.34971
.200	11.799	-.39842	-.40987	-.41218	-.47422	-.37309	-.42694	-.34510	-.39009	-.33468	-.36655
.200	13.699	-.42134	-.43282	-.43515	-.49934	-.38738	-.44339	-.35938	-.41087	-.35113	-.38733
.199	15.718	-.43154	-.45831	-.44977	-.51635	-.40181	-.45586	-.37372	-.43625	-.36546	-.39959
	GRADIENT	-.00597	-.00419	-.00287	-.00814	-.00346	-.00873	-.00110	-.00443	-.00164	-.00577

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.252	-2.013	-.31844	-.27585	-.29735	-.31177	-.25460	-.27359	-.25251	-.26083	-.25956	-.25683
.252	.002	-.32057	-.29077	-.31227	-.33307	-.27379	-.30128	-.26104	-.27788	-.26811	-.27389
.252	1.995	-.32798	-.30464	-.31758	-.35105	-.27922	-.29600	-.26013	-.28117	-.26504	-.28569
.252	3.987	-.33373	-.31670	-.33610	-.37394	-.29331	-.33574	-.26561	-.29739	-.27270	-.29982
.251	6.020	-.33931	-.33504	-.34386	-.39709	-.30498	-.35640	-.27057	-.31771	-.28420	-.31371
.250	7.934	-.35438	-.34365	-.36755	-.42504	-.30928	-.37792	-.28134	-.33492	-.28420	-.33094
.250	9.843	-.37328	-.37980	-.38652	-.45286	-.33882	-.40555	-.30428	-.36238	-.30503	-.35408
.251	11.909	-.38408	-.39488	-.40157	-.46970	-.34765	-.41404	-.31113	-.37539	-.31406	-.36499
.251	13.898	-.40378	-.41667	-.41692	-.48903	-.36107	-.42719	-.32685	-.38441	-.32336	-.37620
.252	15.921	-.42072	-.44207	-.43380	-.50553	-.37397	-.44187	-.34205	-.41848	-.33647	-.39116
	GRADIENT	-.00266	-.00682	-.00608	-.01023	-.00608	-.00906	-.00192	-.00565	-.00182	-.00704

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.400	-1.936	-.32030	-.28714	-.30584	-.31574	-.27208	-.28464	-.27454	-.27417	-.27024	-.25579
.401	.022	-.32331	-.30180	-.31699	-.33496	-.28445	-.30625	-.27300	-.29116	-.27334	-.26008
.401	2.016	-.33205	-.31520	-.33038	-.35644	-.29670	-.32543	-.28294	-.29876	-.28445	-.29319
.401	4.002	-.33518	-.33108	-.34162	-.37688	-.30797	-.34360	-.28728	-.31233	-.28532	-.29405
.402	5.965	-.34452	-.34507	-.35214	-.39657	-.31968	-.36566	-.29439	-.33095	-.29244	-.31039
.400	7.900	-.36083	-.36605	-.37200	-.42478	-.33587	-.38907	-.30579	-.34952	-.30268	-.33118
.399	9.957	-.37832	-.38826	-.39307	-.44489	-.35093	-.40436	-.32306	-.36814	-.31644	-.34271
.399	11.830	-.38916	-.40029	-.40511	-.45810	-.36062	-.41406	-.33157	-.37899	-.32028	-.35240
.398	13.838	-.40382	-.42210	-.42343	-.47910	-.37627	-.43125	-.35057	-.40299	-.33686	-.37035
.398	15.862	-.42463	-.44885	-.44194	-.50355	-.38648	-.44623	-.36074	-.42381	-.34938	-.38643
	GRADIENT	-.00270	-.00733	-.00610	-.01034	-.00605	-.00990	-.00243	-.00616	-.00285	-.00747

0A232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.600	-1.926	-.33930	-.30936	-.32084	-.32700	-.28822	-.30298	-.29560	-.28901	-.28458	-.27063
.600	.080	-.34407	-.32395	-.33233	-.34777	-.29970	-.32530	-.29882	-.30203	-.29038	-.28572
.601	2.095	-.34907	-.33775	-.34561	-.36872	-.31304	-.34528	-.30339	-.31638	-.29653	-.29959
.601	4.085	-.35542	-.35185	-.35713	-.38942	-.32308	-.36501	-.30779	-.33001	-.30198	-.31532
.601	7.998	-.38247	-.39388	-.38887	-.44120	-.35015	-.41063	-.32559	-.36890	-.31877	-.35114
.601	10.061	-.39962	-.41520	-.41019	-.46257	-.36676	-.42887	-.34268	-.38758	-.33173	-.36620
.601	11.884	-.41729	-.43806	-.42789	-.48644	-.38135	-.44450	-.35778	-.40887	-.34219	-.38285
.601	13.886	-.43883	-.46375	-.44844	-.51107	-.39777	-.46245	-.37835	-.43301	-.35555	-.40185
.600	15.897	-.45719	-.49303	-.46529	-.53627	-.40833	-.47983	-.39095	-.46119	-.37019	-.42069
.598	17.853	-.48088	-.52468	-.48230	-.56131	-.41784	-.49585	-.41129	-.48697	-.37956	-.43906
	GRADIENT	-.00266	-.00705	-.00610	-.01039	-.00589	-.01029	-.00205	-.00685	-.00291	-.00738

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.698	-1.959	-.35341	-.32453	-.33046	-.33983	-.29846	-.31523	-.30607	-.29904	-.29606	-.28267
.700	.082	-.35619	-.33614	-.34286	-.35875	-.31145	-.33676	-.30872	-.31037	-.30001	-.29493
.700	2.041	-.36504	-.35074	-.35665	-.38203	-.31983	-.35961	-.31503	-.32740	-.30921	-.31360
.701	4.095	-.37083	-.36935	-.36948	-.40503	-.33236	-.38064	-.32099	-.34359	-.31478	-.32861
.701	6.090	-.38126	-.38885	-.38281	-.43073	-.34357	-.40385	-.32724	-.36181	-.32062	-.34723
.702	7.969	-.39637	-.41466	-.40330	-.45847	-.35838	-.42757	-.33593	-.38479	-.32769	-.36821
.702	10.040	-.41755	-.44201	-.42861	-.48531	-.38169	-.44913	-.35641	-.40928	-.34367	-.38452
.700	11.880	-.44355	-.46859	-.44976	-.51459	-.40010	-.47079	-.37178	-.43360	-.35320	-.40211
.700	13.862	-.46902	-.49944	-.47527	-.54576	-.42152	-.49378	-.39655	-.45869	-.37099	-.42642
.700	15.860	-.49958	-.53744	-.50381	-.58039	-.44639	-.51941	-.42226	-.49340	-.39303	-.45128
.700	17.910	-.52992	-.57740	-.52760	-.61173	-.46345	-.54115	-.44218	-.52499	-.40463	-.47083
	GRADIENT	-.00303	-.00741	-.00650	-.01088	-.00547	-.01089	-.00254	-.00749	-.00324	-.00777

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.800	-3.939	-.35665	-.31990	-.32738	-.32653	-.29152	-.30033	-.31031	-.28891	-.29366	-.27460
.800	-2.045	-.35663	-.33124	-.33701	-.34519	-.29962	-.32134	-.30907	-.29909	-.29480	-.28335
.800	.000	-.36405	-.34567	-.35074	-.36930	-.31239	-.34621	-.31244	-.31394	-.29926	-.29999
.799	1.978	-.37598	-.36629	-.37137	-.39754	-.33440	-.37585	-.31915	-.33246	-.30702	-.31956
.800	3.989	-.39769	-.39564	-.40179	-.43695	-.36861	-.41771	-.33111	-.35762	-.32144	-.34578
.800	6.006	-.43009	-.43326	-.44220	-.48697	-.41565	-.47298	-.35389	-.39597	-.34394	-.38175
.800	7.947	-.46678	-.47204	-.48691	-.53685	-.46451	-.52947	-.38535	-.44236	-.37721	-.42991
.800	10.017	-.51153	-.50603	-.54001	-.57423	-.51379	-.58110	-.42705	-.48746	-.41901	-.47055
.800	11.941	-.54195	-.54443	-.57667	-.60214	-.55011	-.60763	-.45963	-.53003	-.44785	-.50761
.800	13.904	-.56816	-.60256	-.59145	-.64638	-.56904	-.62276	-.48687	-.56941	-.46401	-.53556
.800	15.895	-.61652	-.63808	-.61762	-.69606	-.57926	-.65444	-.51585	-.61325	-.48297	-.56314
.798	17.981	-.66024	-.66693	-.65406	-.72309	-.59910	-.67849	-.53885	-.65939	-.50061	-.58779
.798	18.963	-.67950	-.67957	-.67091	-.73281	-.60946	-.68762	-.54623	-.68143	-.50112	-.59192
	GRADIENT	-.00512	-.00939	-.00923	-.01376	-.00952	-.01456	-.00261	-.00860	-.00342	-.00899

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.849	-3.974	-.30528	-.21125	-.29280	-.24161	-.26730	-.23978	-.27841	-.25347	-.25983	-.23743
.850	-2.002	-.27611	-.18929	-.28890	-.22006	-.28621	-.23470	-.27431	-.25377	-.25976	-.24335
.851	-.034	-.25257	-.24288	-.28286	-.24136	-.31480	-.24763	-.28474	-.26512	-.27667	-.25890
.851	1.965	-.28715	-.35040	-.30575	-.32880	-.34339	-.29382	-.30182	-.28063	-.30157	-.27864
.850	3.993	-.34941	-.49187	-.36196	-.43708	-.37899	-.36611	-.32756	-.30823	-.33289	-.31143
.850	5.964	-.48101	-.74204	-.48683	-.65735	-.47567	-.52804	-.35927	-.33315	-.37310	-.33928
.849	7.944	-.56038	-.71555	-.57534	-.71587	-.56478	-.60842	-.42329	-.40193	-.44344	-.41819
.849	10.033	-.63804	-.68182	-.65500	-.70708	-.62466	-.64042	-.45759	-.45888	-.47879	-.47939
.850	11.921	-.68691	-.71449	-.69838	-.74035	-.65218	-.67374	-.46351	-.48161	-.48666	-.49663
.850	13.923	-.70928	-.74143	-.71494	-.76213	-.66640	-.68798	-.48039	-.51827	-.49646	-.51907
.850	15.908	-.72644	-.76022	-.72855	-.77604	-.67709	-.69315	-.51702	-.59279	-.52342	-.56674
.849	17.942	-.75190	-.80701	-.74462	-.80951	-.68511	-.70957	-.56667	-.66044	-.55856	-.61051
	GRADIENT	-.00505	-.03639	-.00784	-.02519	-.01411	-.01572	-.00634	-.00687	-.00946	-.00923

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.900	-3.941	-.80240	-.73608	-.75357	-.72142	-.63969	-.69071	-.53101	-.66550	-.49498	-.62710
.900	-2.084	-.83448	-.77583	-.80276	-.77816	-.73675	-.74934	-.59683	-.70317	-.55001	-.69498
.900	-.046	-.87879	-.81096	-.85896	-.84796	-.80993	-.81152	-.69915	-.74431	-.61648	-.74560
.900	1.976	-.90760	-.83097	-.91673	-.90869	-.86710	-.87687	-.78865	-.78504	-.70775	-.78911
.900	3.982	-.92310	-.84579	-.97828	-.95797	-.92401	-.94929	-.83209	-.84398	-.79428	-.83834
.899	5.913	-.93895	-.85223	-1.02032	-.98645	-.97779	-1.02694	-.86968	-.89625	-.84194	-.89798
.900	7.882	-.93888	-.85818	-1.06000	-1.01397	-1.04958	-1.09856	-.94146	-.92830	-.91396	-.98862
.900	10.011	-.93517	-.86614	-1.08659	-1.03906	-1.13039	-1.14577	-.99287	-.96112	-1.02230	-1.03815
.900	11.896	-.93751	-.87030	-1.10055	-1.05694	-1.18212	-1.18682	-1.02326	-.98752	-1.08543	-1.07983
.900	13.993	-.94191	-.86988	-1.11486	-1.06732	-1.22954	-1.22173	-1.04677	-1.01165	-1.14097	-1.11395
.900	15.923	-.94374	-.86680	-1.12382	-1.07867	-1.26080	-1.24932	-1.06908	-1.03453	-1.16737	-1.14514
.900	17.912	-.94232	-.86965	-1.13058	-1.08634	-1.28398	-1.26883	-1.09078	-1.06079	-1.19642	-1.17079
	GRADIENT	-.01579	-.01376	-.02831	-.03032	-.03505	-.03239	-.03989	-.02206	-.03804	-.02591

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.950	-4.053	-.73115	-.66200	-.68835	-.64728	-.64456	-.61501	-.58262	-.61565	-.52787	-.59860
.949	-1.984	-.76243	-.70120	-.73140	-.70836	-.69153	-.67430	-.65459	-.65065	-.58535	-.64459
.949	-.008	-.79406	-.72583	-.77664	-.76595	-.73440	-.73015	-.71047	-.68624	-.66480	-.68252
.951	2.023	-.81629	-.74370	-.82981	-.81476	-.77993	-.79152	-.74658	-.73135	-.73211	-.72307
.950	3.944	-.83373	-.75739	-.88219	-.85496	-.83141	-.85680	-.78105	-.78885	-.78110	-.77744
.950	6.031	-.84756	-.76597	-.91886	-.88522	-.88709	-.92862	-.82083	-.83178	-.81634	-.84293
.950	7.948	-.85038	-.77099	-.95881	-.91178	-.95618	-.98992	-.87305	-.85451	-.86432	-.91138
.951	9.957	-.84497	-.77663	-.97926	-.93196	-1.01704	-1.02907	-.90919	-.87535	-.94309	-.94575
.950	11.951	-.84408	-.78451	-.99343	-.95224	-1.07093	-1.07137	-.93155	-.89891	-1.00041	-.98536
.949	13.889	-.84552	-.78399	-1.00525	-.96216	-1.10965	-1.09532	-.95009	-.91558	-1.03577	-.95866
.950	15.961	-.84603	-.77877	-1.01142	-.97125	-1.13482	-1.11356	-.96642	-.93222	-1.05787	-1.00362
.950	17.916	-.84510	-.77916	-1.01530	-.97751	-1.15599	-1.09297	-.98165	-.95299	-1.07841	-1.02194
	GRADIENT	-.01296	-.01169	-.02429	-.02611	-.02310	-.03003	-.02448	-.02133	-.03267	-.02180

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.976	-2.013	-.69872	-.64360	-.67192	-.65793	-.63582	-.62106	-.59369	-.57441	-.55753	-.56246
.979	.038	-.72775	-.66856	-.71625	-.71064	-.67534	-.67515	-.63935	-.60814	-.61521	-.59824
.979	1.975	-.74736	-.67968	-.76182	-.75226	-.72015	-.73162	-.67366	-.65611	-.66523	-.64097
.979	3.999	-.75657	-.68597	-.80766	-.77933	-.76504	-.78377	-.70619	-.70530	-.70365	-.69015
.981	6.014	-.76163	-.69536	-.84215	-.79992	-.80909	-.83470	-.74035	-.75389	-.73562	-.74382
.980	7.954	-.76257	-.70255	-.86090	-.82634	-.86322	-.89668	-.79851	-.78551	-.77984	-.81928
.980	9.914	-.75842	-.69411	-.88234	-.84490	-.92018	-.93520	-.82994	-.80234	-.85050	-.85911
.982	12.005	-.75307	-.69045	-.89650	-.85431	-.96423	-.96636	-.85195	-.81373	-.90332	-.88864
.980	13.912	-.75225	-.69365	-.90815	-.86386	-1.00776	-.99867	-.86937	-.82597	-.94366	-.90448
.980	15.939	-.75288	-.69262	-.91379	-.86390	-1.03748	-1.02052	-.87782	-.83190	-.97119	-.92244
.979	17.970	-.75507	-.70108	-.91290	-.86785	-1.06210	-1.01999	-.88567	-.84262	-.98701	-.92462
	GRADIENT	-.00968	-.00693	-.02267	-.02032	-.02165	-.02726	-.01862	-.02205	-.02445	-.02131

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.049	-4.003	-.58111	-.52410	-.53949	-.50826	-.50352	-.47658	-.52489	-.49200	-.47898	-.47441
1.050	-1.958	-.61311	-.55039	-.58182	-.56409	-.54460	-.52736	-.55653	-.52297	-.53199	-.51279
1.050	-.003	-.63617	-.57080	-.62327	-.61140	-.58100	-.58032	-.57813	-.55847	-.57233	-.54743
1.050	2.027	-.65204	-.58940	-.66994	-.65358	-.62179	-.63734	-.60412	-.60546	-.60462	-.59299
1.050	4.028	-.66464	-.60024	-.70503	-.68272	-.66634	-.69487	-.63774	-.65177	-.63476	-.64201
1.050	6.044	-.67401	-.60776	-.73400	-.70837	-.71333	-.75221	-.68026	-.67918	-.66965	-.69935
1.050	8.002	-.67983	-.61308	-.77081	-.73038	-.77351	-.79811	-.71713	-.69859	-.71966	-.74773
1.050	10.020	-.68195	-.61581	-.79330	-.74991	-.82792	-.83771	-.74969	-.71813	-.78311	-.78059
1.050	11.946	-.67609	-.62081	-.80417	-.76425	-.86843	-.86815	-.75783	-.73303	-.82098	-.80565
1.049	13.92[illegible]	-.67606	-.62130	-.81200	-.77498	-.90213	-.89590	-.77183	-.74432	-.84430	-.82712
1.050	15.950	-.67345	-.61724	-.81735	-.78182	-.92463	-.91573	-.78075	-.75621	-.86242	-.84076
1.051	17.949	-.66758	-.61328	-.81555	-.78513	-.93823	-.92549	-.78998	-.76697	-.87236	-.85398
	GRADIENT	-.01028	-.00954	-.02091	-.02187	-.02010	-.02726	-.01364	-.02005	-.01917	-.02072

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.098	-1.979	-.52080	-.46493	-.48974	-.47650	-.45677	-.44059	-.46548	-.42865	-.44418	-.42329
1.101	.040	-.54027	-.48110	-.52514	-.51807	-.48795	-.48704	-.47912	-.45023	-.47429	-.44291
1.101	2.035	-.55732	-.49556	-.56714	-.55745	-.52536	-.54029	-.50038	-.49578	-.50181	-.47545
1.099	4.029	-.56401	-.50360	-.60797	-.58472	-.56831	-.59584	-.53157	-.54020	-.52653	-.52223
1.099	6.084	-.56745	-.50737	-.63568	-.59815	-.61088	-.63849	-.56778	-.57272	-.55736	-.57538
1.097	7.996	-.57050	-.50904	-.65570	-.61787	-.66263	-.68340	-.61844	-.59417	-.60610	-.63027
1.098	10.037	-.57020	-.50531	-.67952	-.63400	-.71564	-.72110	-.64594	-.61058	-.67620	-.66512
1.102	11.854	-.55951	-.50548	-.68558	-.64183	-.74765	-.74629	-.65603	-.61874	-.70692	-.68817
1.098	13.940	-.55984	-.51529	-.69851	-.65461	-.78885	-.77839	-.67029	-.63145	-.74067	-.71444
1.101	15.878	-.55928	-.51936	-.69873	-.65550	-.80950	-.79509	-.67199	-.63381	-.75411	-.72197
1.100	17.905	-.56114	-.52209	-.69378	-.65819	-.82689	-.80625	-.67441	-.63991	-.76417	-.72664
1.100	19.879	-.56044	-.54684	-.68355	-.67849	-.82752	-.82356	-.66699	-.66700	-.75936	-.74702
	GRADIENT	-.00733	-.00652	-.01981	-.01819	-.01858	-.02592	-.01096	-.01898	-.01372	-.01644

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-3.944	-.45515	-.39623	-.41295	-.39139	-.37843	-.35611	-.40644	-.36843	-.37713	-.35116
1.149	-1.937	-.47797	-.41729	-.44918	-.43452	-.41179	-.39976	-.42753	-.39924	-.41253	-.38645
1.150	.036	-.49425	-.43236	-.48593	-.47461	-.44586	-.44946	-.44593	-.43640	-.44165	-.42257
1.150	2.026	-.50666	-.44672	-.52395	-.50708	-.48183	-.50121	-.46912	-.47683	-.46658	-.46448
1.150	4.020	-.51880	-.45865	-.55389	-.53432	-.52065	-.55249	-.49720	-.51476	-.49218	-.51046
1.149	6.066	-.52309	-.46569	-.57870	-.55833	-.56400	-.60209	-.53562	-.53914	-.52427	-.56447
1.150	7.932	-.53024	-.46876	-.60979	-.57536	-.61574	-.63854	-.57051	-.55136	-.57687	-.59664
1.149	9.882	-.53270	-.47157	-.63090	-.59116	-.66198	-.66796	-.59444	-.56357	-.62718	-.61943
1.149	11.917	-.52817	-.47352	-.64217	-.60385	-.70141	-.69843	-.60547	-.57714	-.66394	-.64300
1.148	13.894	-.52712	-.47341	-.65094	-.61296	-.73180	-.72240	-.61766	-.58658	-.68387	-.66153
1.150	15.889	-.51897	-.47155	-.65034	-.61591	-.74760	-.73677	-.62061	-.59421	-.69230	-.66934
1.150	17.908	-.51472	-.46830	-.64930	-.61886	-.76071	-.74657	-.62606	-.60224	-.69977	-.67937
	GRADIENT	-.00784	-.00776	-.01793	-.01802	-.01782	-.02485	-.01122	-.01861	-.01429	-.01994

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.197	-1.990	-.43797	-.37460	-.40788	-.39338	-.37464	-.36243	-.39764	-.36727	-.38206	-.35042
1.199	.070	-.45115	-.38965	-.44519	-.43064	-.40843	-.40896	-.41840	-.40132	-.41073	-.38558
1.198	2.066	-.46427	-.40383	-.48035	-.46085	-.44464	-.45574	-.44349	-.44075	-.43666	-.42856
1.198	4.019	-.47600	-.41340	-.50869	-.48561	-.48221	-.50469	-.47074	-.47286	-.46312	-.46938
1.198	6.032	-.47976	-.42230	-.53287	-.50812	-.52160	-.55004	-.49926	-.49754	-.48813	-.51855
1.201	7.929	-.47822	-.42555	-.55366	-.52516	-.56302	-.58349	-.52043	-.50813	-.52945	-.54507
1.197	10.006	-.48053	-.43265	-.57379	-.54303	-.60380	-.60881	-.53995	-.52082	-.56996	-.56544
1.197	11.894	-.47490	-.43159	-.58044	-.55290	-.63167	-.63205	-.54386	-.52932	-.59757	-.58186
1.202	13.907	-.46762	-.42660	-.58261	-.55678	-.65376	-.64816	-.54831	-.53516	-.61029	-.59271
1.199	15.883	-.46162	-.42755	-.58745	-.56047	-.67587	-.66319	-.55362	-.54478	-.62118	-.60382
1.198	17.907	-.45649	-.42676	-.59021	-.56132	-.69085	-.67355	-.56317	-.55404	-.62612	-.61445
	GRADIENT	-.00696	-.00653	-.01687	-.01534	-.01792	-.02364	-.01219	-.01779	-.01344	-.01996

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	-1.965	-.36954	-.31576	-.35278	-.33763	-.31923	-.31300	-.34370	-.32182	-.32778	-.29974
1.298	.020	-.38614	-.32931	-.38600	-.36826	-.34963	-.35310	-.35465	-.34906	-.34505	-.33302
1.299	1.979	-.39409	-.34113	-.41029	-.39275	-.38213	-.39617	-.37743	-.37895	-.36898	-.37177
1.299	4.006	-.39435	-.34764	-.42702	-.41067	-.40953	-.43033	-.39860	-.40094	-.39050	-.40721
1.301	6.040	-.39971	-.34084	-.44593	-.42093	-.44125	-.46295	-.42601	-.41632	-.41963	-.43863
1.299	7.952	-.40665	-.35027	-.47072	-.43793	-.48150	-.49061	-.44533	-.42902	-.45674	-.46426
1.299	9.998	-.40222	-.35603	-.48031	-.45076	-.51245	-.51894	-.46187	-.43191	-.49355	-.47587
1.301	11.905	-.39549	-.36519	-.48439	-.46532	-.53866	-.54344	-.46761	-.43728	-.51688	-.49539
1.301	13.902	-.39318	-.36124	-.48868	-.46937	-.55821	-.55669	-.46596	-.44996	-.52566	-.51163
1.300	15.964	-.38427	-.35619	-.49018	-.46935	-.57431	-.56590	-.46621	-.45903	-.53333	-.51293
1.299	17.930	-.38425	-.35744	-.49428	-.46983	-.58919	-.56797	-.46042	-.46383	-.53412	-.51351
	GRADIENT	-.00414	-.00540	-.01242	-.01225	-.01526	-.01987	-.00944	-.01344	-.01067	-.01817

OA232 AEDC 16T TF431 LA .2P/S RA .2A (KVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.399	-3.951	-.29712	-.24584	-.26749	-.25557	-.23265	-.23133	-.27273	-.25170	-.25405	-.22429
1.399	-2.062	-.30766	-.25621	-.29963	-.28052	-.26800	-.26552	-.28535	-.27953	-.26902	-.25966
1.399	-.026	-.32218	-.26623	-.32451	-.30557	-.29535	-.29888	-.31105	-.30259	-.29728	-.28927
1.399	2.010	-.32905	-.27473	-.34516	-.32740	-.32471	-.33939	-.33721	-.32645	-.32179	-.32610
1.401	4.008	-.33995	-.28517	-.36981	-.34460	-.35683	-.36890	-.34410	-.33908	-.33876	-.35164
1.400	6.040	-.33490	-.28505	-.37841	-.35682	-.37890	-.39330	-.36526	-.35214	-.36539	-.37857
1.400	8.038	-.33698	-.28904	-.39467	-.36970	-.40805	-.41952	-.38157	-.36017	-.39407	-.39654
1.400	10.115	-.34243	-.28773	-.41383	-.37611	-.44509	-.43788	-.39810	-.37317	-.43285	-.41542
1.401	11.977	-.33458	-.29290	-.41876	-.39028	-.46574	-.46227	-.40479	-.37530	-.44867	-.42522
1.399	13.972	-.32974	-.28575	-.41881	-.39003	-.48130	-.47322	-.40282	-.37477	-.45763	-.43101
1.400	15.995	-.32487	-.28600	-.42031	-.39381	-.49751	-.48252	-.40259	-.38083	-.46406	-.43654
1.399	18.010	-.32110	-.29111	-.42121	-.39382	-.50738	-.48433	-.40117	-.39319	-.46442	-.43975
	GRADIENT	-.00535	-.00486	-.01250	-.01125	-.01525	-.01746	-.00974	-.01108	-.01112	-.01606

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.550	-3.884	-.23462	-.18360	-.21829	-.19705	-.17794	-.17845	-.22110	-.23488	-.19810	-.18625
1.550	-1.889	-.25508	-.19332	-.24606	-.22036	-.21049	-.21224	-.24665	-.23411	-.22627	-.21595
1.550	.100	-.26771	-.20469	-.27011	-.24090	-.24467	-.24862	-.27228	-.25909	-.25481	-.25363
1.550	2.143	-.27838	-.21881	-.29317	-.26390	-.27911	-.28368	-.29406	-.28275	-.28013	-.28936
1.550	4.161	-.28216	-.22164	-.30963	-.27590	-.30159	-.30488	-.30069	-.28557	-.29694	-.30487
1.550	6.194	-.28096	-.22088	-.31503	-.28863	-.31872	-.32768	-.31022	-.29893	-.31729	-.32548
1.550	8.107	-.28084	-.23073	-.32897	-.30375	-.34440	-.34703	-.32604	-.29853	-.34748	-.33278
1.550	10.075	-.27202	-.23626	-.33462	-.31419	-.36143	-.37131	-.32790	-.30709	-.36010	-.34920
1.549	11.895	-.26892	-.22893	-.34248	-.31342	-.38459	-.38084	-.32875	-.32090	-.37185	-.36376
1.550	13.923	-.26238	-.22031	-.34014	-.31496	-.39796	-.39041	-.33089	-.31736	-.38021	-.36674
1.549	15.882	-.25870	-.22706	-.34188	-.32049	-.40384	-.39629	-.32820	-.30960	-.38070	-.36184
1.549	17.875	-.25628	-.23122	-.34096	-.31888	-.41675	-.40250	-.33264	-.32351	-.38816	-.37082
	GRADIENT	-.00588	-.00505	-.01142	-.01000	-.01570	-.01611	-.01026	-.00746	-.01250	-.01544

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (KVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.700	-1.945	-.34658	-.33020	-.33568	-.33306	-.30216	-.30194	-.30313	-.29860	-.29564	-.27694
.701	.002	-.35482	-.33805	-.35179	-.34914	-.31912	-.31807	-.31103	-.30567	-.30644	-.28610
.702	2.035	-.36584	-.34705	-.36901	-.36510	-.33721	-.33655	-.32171	-.31470	-.31715	-.29681
.702	4.113	-.38016	-.36099	-.38953	-.38560	-.35732	-.35625	-.33525	-.32823	-.32988	-.30993
.703	6.181	-.39910	-.37711	-.41137	-.40781	-.37633	-.37360	-.34855	-.34070	-.34444	-.32328
	GRADIENT	-.00554	-.00502	-.00885	-.00859	-.00909	-.00898	-.00531	-.00485	-.00561	-.00543

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.200	-1.708	-.32494	-.30333	-.31001	-.32035	-.29474	-.29885	-.29044	-.27724	-.28680	-.26884
.200	.137	-.32686	-.30754	-.32279	-.32873	-.29686	-.30309	-.29044	-.28807	-.28684	-.26898
.200	2.134	-.34937	-.31908	-.34311	-.35557	-.32782	-.33192	-.31053	-.31680	-.30911	-.29110
.200	4.213	-.35455	-.33085	-.36344	-.36935	-.34389	-.34580	-.31802	-.31348	-.31662	-.30514
.200	6.138	-.36856	-.34488	-.37529	-.38764	-.35144	-.35980	-.32559	-.32321	-.32205	-.31057
.201	8.137	-.37525	-.35826	-.39044	-.40260	-.36474	-.36873	-.33496	-.32833	-.32936	-.31586
.201	10.165	-.39511	-.37172	-.41244	-.42671	-.38885	-.39070	-.35267	-.34602	-.34711	-.33996
.202	12.171	-.41069	-.39384	-.43212	-.44622	-.39605	-.40421	-.36864	-.36204	-.35894	-.34970
.203	14.189	-.43496	-.41196	-.45413	-.46809	-.41625	-.42224	-.38906	-.38459	-.37948	-.36400
.203	16.176	-.45898	-.44233	-.47393	-.49408	-.42990	-.44421	-.41324	-.41504	-.39537	-.38617
	GRADIENT	-.00565	-.00478	-.00916	-.00881	-.00907	-.00862	-.00523	-.00692	-.00568	-.00667

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.396	-1.917	-.32501	-.29658	-.30507	-.31643	-.27885	-.28339	-.28007	-.27749	-.27482	-.25759
.397	.032	-.31981	-.30215	-.32005	-.32661	-.29396	-.29610	-.28337	-.28080	-.28408	-.26691
.397	1.999	-.33330	-.31800	-.34181	-.34717	-.31453	-.31548	-.29686	-.29310	-.29523	-.27686
.397	4.009	-.34481	-.32599	-.35568	-.36101	-.33197	-.33290	-.30134	-.30348	-.30800	-.28844
.397	6.022	-.35811	-.34048	-.37604	-.38251	-.34881	-.34738	-.31941	-.31447	-.31901	-.29828
.398	8.027	-.37335	-.35223	-.39244	-.39887	-.36525	-.36499	-.33355	-.32860	-.33083	-.31834
.398	10.028	-.39049	-.37174	-.41427	-.41949	-.37888	-.38213	-.34956	-.34461	-.34452	-.32379
.397	12.033	-.41032	-.39152	-.43418	-.44057	-.39986	-.39604	-.36339	-.36430	-.35719	-.33873
.397	14.026	-.43182	-.41418	-.45455	-.46328	-.40956	-.41516	-.38602	-.38338	-.37395	-.35779
.397	16.049	-.45034	-.43626	-.47306	-.48293	-.42104	-.42781	-.39752	-.40194	-.38548	-.37168
	GRADIENT	-.00370	-.00527	-.00879	-.00782	-.00911	-.00851	-.00391	-.00458	-.00561	-.00519

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.598	-2.039	-.33784	-.32460	-.32982	-.32823	-.29972	-.30142	-.29968	-.29265	-.29971	-.27324
.600	.111	-.34567	-.33044	-.34648	-.34538	-.31959	-.32127	-.31129	-.30068	-.31290	-.28548
.600	2.039	-.35491	-.33970	-.36346	-.36028	-.33403	-.33517	-.31955	-.30946	-.31497	-.29275
.600	3.993	-.36847	-.35272	-.38066	-.37796	-.35272	-.35178	-.33048	-.32036	-.33366	-.30621
.600	6.000	-.38346	-.36559	-.39934	-.39660	-.36870	-.36775	-.34119	-.33258	-.34336	-.31735
.601	8.000	-.39858	-.38137	-.41693	-.41470	-.38394	-.38194	-.35455	-.34547	-.35158	-.32779
.600	10.064	-.41841	-.40111	-.43791	-.43511	-.40008	-.40012	-.37261	-.36450	-.36498	-.34156
.599	12.040	-.43947	-.42164	-.45954	-.45671	-.41594	-.41751	-.38997	-.38131	-.37716	-.35679
.599	14.029	-.46078	-.44297	-.48033	-.48005	-.43054	-.43314	-.40977	-.40214	-.39546	-.37300
.599	16.077	-.48653	-.46977	-.50249	-.50529	-.44385	-.44798	-.43032	-.42370	-.41031	-.38937
	GRADIENT	-.00504	-.00466	-.00846	-.00819	-.00867	-.00825	-.00503	-.00458	-.00519	-.00530

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.700	-2.042	-.34613	-.33213	-.33811	-.33346	-.30452	-.30678	-.30869	-.29855	-.30447	-.27983
.700	.148	-.35489	-.33924	-.35514	-.35047	-.31909	-.32340	-.31542	-.30611	-.31369	-.29112
.702	2.066	-.36674	-.34827	-.36988	-.36684	-.34054	-.34029	-.32494	-.31484	-.32325	-.30033
.701	3.979	-.37920	-.35989	-.38813	-.38300	-.35627	-.35560	-.33571	-.32559	-.33280	-.31024
.70[illegible]	5.966	-.39769	-.37589	-.40829	-.40313	-.37515	-.37324	-.34839	-.34031	-.34634	-.32538
.700	8.031	-.41604	-.39466	-.43035	-.42557	-.39310	-.39118	-.36429	-.35456	-.35814	-.33841
.701	10.046	-.43784	-.41647	-.45258	-.44819	-.41093	-.41174	-.38282	-.37348	-.37175	-.35322
.699	12.047	-.46491	-.44309	-.47969	-.47690	-.43154	-.43463	-.40527	-.39797	-.36803	-.37192
.698	14.050	-.49367	-.47216	-.50813	-.50612	-.45548	-.45325	-.43041	-.42264	-.40980	-.39066
.696	16.054	-.52610	-.50439	-.53628	-.53754	-.47459	-.48049	-.45387	-.44939	-.42870	-.41152
	GRADIENT	-.00584	-.00480	-.00824	-.00825	-.00882	-.00817	-.00451	-.00448	-.00473	-.00503

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.798	-1.998	-.35469	-.33350	-.34241	-.33771	-.30921	-.30899	-.30890	-.29823	-.30266	-.28076
.800	.022	-.36611	-.34531	-.36255	-.35713	-.33080	-.33126	-.31763	-.30803	-.31352	-.29025
.800	1.984	-.38575	-.36146	-.38985	-.38265	-.36155	-.35956	-.33100	-.32207	-.32831	-.30604
.800	3.965	-.41394	-.38791	-.42779	-.41915	-.40261	-.39954	-.35189	-.34260	-.34959	-.32867
.800	5.997	-.45169	-.42325	-.47392	-.46625	-.45429	-.45258	-.38308	-.37447	-.38155	-.36370
.800	7.982	-.48730	-.45955	-.51895	-.51261	-.49964	-.50277	-.41903	-.41248	-.41688	-.39930
.800	10.011	-.51865	-.49681	-.55902	-.56061	-.54700	-.55183	-.45734	-.45493	-.45179	-.43901
.800	11.995	-.55328	-.52798	-.57730	-.59240	-.56841	-.58711	-.49203	-.48995	-.47960	-.46955
.799	13.998	-.61607	-.56674	-.61336	-.62148	-.57905	-.60612	-.52378	-.52411	-.50268	-.49327
.799	16.024	-.67613	-.60657	-.66784	-.65845	-.60426	-.63217	-.55813	-.56299	-.53066	-.52220
	GRADIENT	-.00993	-.00903	-.01427	-.01359	-.01565	-.01510	-.00716	-.00741	-.00783	-.00803

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.850	-1.977	-.23444	-.21861	-.26116	-.25525	-.26851	-.26314	-.26887	-.26091	-.26660	-.24367
.850	-.062	-.24051	-.21983	-.26075	-.25161	-.28299	-.27437	-.28302	-.27214	-.28468	-.26011
.849	1.935	-.30240	-.26161	-.30034	-.27172	-.30283	-.29031	-.29995	-.29196	-.30976	-.28511
.850	3.949	-.43312	-.35393	-.41886	-.34972	-.38378	-.34148	-.32656	-.32051	-.34161	-.32082
.850	5.957	-.59425	-.47464	-.58107	-.47291	-.51843	-.43627	-.37095	-.36874	-.39291	-.37848
.850	7.985	-.66019	-.57137	-.68265	-.59829	-.62097	-.56432	-.42540	-.43188	-.45427	-.44749
.850	10.024	-.69891	-.63793	-.72590	-.66768	-.66070	-.63117	-.45618	-.46264	-.48025	-.47859
.850	11.988	-.73196	-.68363	-.74893	-.70493	-.68186	-.65622	-.46660	-.47208	-.48970	-.48770
.849	14.000	-.75249	-.71992	-.76336	-.73089	-.69195	-.67337	-.49116	-.48758	-.50300	-.49613
.850	16.025	-.77615	-.75188	-.78220	-.75704	-.70140	-.69345	-.54916	-.53774	-.53774	-.52330
	GRADIENT	-.03342	-.02276	-.02607	-.01545	-.01856	-.01274	-.00962	-.01007	-.01267	-.01299

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.900	-1.980	-.81524	-.79187	-.79537	-.78201	-.75548	-.75131	-.71137	-.71271	-.65527	-.64690
.901	-.001	-.85212	-.82881	-.85818	-.84142	-.81410	-.80990	-.76402	-.76137	-.75206	-.73470
.900	1.973	-.87315	-.85233	-.92198	-.90032	-.87345	-.86618	-.79591	-.79870	-.80868	-.79366
.900	3.975	-.89005	-.87279	-.97423	-.95604	-.94189	-.92723	-.83803	-.83746	-.84515	-.83883
.900	5.969	-.89609	-.88066	-1.01219	-.99639	-1.01093	-.99350	-.89924	-.89406	-.89366	-.88360
.900	7.987	-.89697	-.88886	-1.04279	-1.02483	-1.08199	-1.06514	-.94364	-.93996	-.96989	-.94751
.900	9.981	-.90135	-.89537	-1.06055	-1.05168	-1.13244	-1.12832	-.97861	-.97398	-1.03645	-1.02152
.899	11.999	-.90737	-.90016	-1.07916	-1.07270	-1.18220	-1.17286	-1.00662	-1.00411	-1.09146	-1.07581
.900	13.996	-.90987	-.90083	-1.09107	-1.08368	-1.20932	-1.20545	-1.02922	-1.02822	-1.12784	-1.11395
.900	16.018	-.91039	-.89802	-1.10212	-1.09290	-1.23986	-1.23628	-1.05410	-1.05065	-1.15896	-1.14868
.900	18.047	-.91148	-.09849	-1.11281	-1.10570	-1.26131	-1.26076	-1.07967	-1.07741	-1.18925	-1.17768
	GRADIENT	-.01237	-.01342	-.03026	-.02928	-.03118	-.02944	-.02076	-.02074	-.03155	-.03198

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.949	-1.982	-.74561	-.72806	-.72413	-.71323	-.68310	-.68147	-.66785	-.67490	-.65895	-.65324
.948	-.011	-.77391	-.75779	-.78081	-.77040	-.73624	-.73429	-.70534	-.70746	-.70899	-.70029
.950	1.936	-.78960	-.77469	-.83604	-.82125	-.78814	-.78327	-.74004	-.73895	-.74607	-.73414
.949	3.980	-.80988	-.79091	-.87866	-.86755	-.85322	-.84224	-.79002	-.78399	-.78865	-.77835
.950	5.987	-.81430	-.80169	-.91948	-.90225	-.92090	-.90353	-.84097	-.83548	-.83710	-.82237
.950	7.949	-.81683	-.80652	-.94459	-.92876	-.98328	-.96990	-.87472	-.87528	-.90974	-.88648
.949	10.002	-.81527	-.81161	-.96185	-.95148	-1.03581	-1.02933	-.90093	-.89771	-.96267	-.95433
.947	12.001	-.82293	-.81781	-.98027	-.97304	-1.07815	-1.07191	-.92007	-.92147	-1.00696	-.99273
.951	14.039	-.82080	-.81312	-.98579	-.97915	-1.10773	-1.10121	-.93597	-.93504	-1.02944	-1.02099
.950	15.942	-.82118	-.81263	-.99421	-.98900	-1.13255	-1.13034	-.95304	-.95182	-1.04740	-1.04555
.952	18.019	-.81790	-.80703	-.99569	-.99451	-1.14020	-1.14866	-.96776	-.96883	-1.05645	-1.06381
	GRADIENT	-.01051	-.01035	-.02614	-.02589	-.02836	-.02679	-.02024	-.01810	-.02148	-.02063

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.980	-2.081	-.69527	-.68034	-.67286	-.66227	-.63553	-.63312	-.63406	-.63823	-.62730	-.61893
.980	.046	-.71878	-.70448	-.72968	-.72015	-.68689	-.68527	-.66253	-.66332	-.66759	-.65639
.980	2.007	-.74013	-.72722	-.78096	-.76994	-.74035	-.73616	-.70116	-.69884	-.70433	-.69417
.980	3.910	-.75511	-.73967	-.82014	-.80960	-.79932	-.78945	-.75022	-.74198	-.74506	-.73342
.979	5.939	-.76390	-.75157	-.86043	-.84398	-.86481	-.84679	-.79677	-.79074	-.79702	-.78056
.980	7.962	-.76549	-.75680	-.88541	-.87117	-.92247	-.90942	-.82738	-.82579	-.86154	-.83996
.980	9.950	-.76460	-.75926	-.90100	-.89092	-.96990	-.96266	-.84912	-.84555	-.90625	-.89660
.980	12.006	-.76691	-.76212	-.91560	-.90772	-1.00870	-.99945	-.86446	-.86451	-.94443	-.93303
.980	13.993	-.76881	-.76403	-.92695	-.92074	-1.03409	-1.03152	-.87927	-.88014	-.93084	-.96249
.980	16.016	-.76653	-.76175	-.93136	-.92737	-1.05329	-1.05907	-.89373	-.89348	-.96043	-.98504
.980	18.015	-.76503	-.75665	-.93894	-.93439	-1.07568	-1.07890	-.90980	-.90981	-1.00440	-1.00186
	GRADIENT	-.01009	-.01009	-.02477	-.02470	-.02729	-.02606	-.01935	-.01733	-.01955	-.01911

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.050	-1.963	-.59127	-.57832	-.57631	-.56797	-.53468	-.53346	-.53729	-.54242	-.53554	-.52986
1.049	-.011	-.61131	-.59926	-.62902	-.61793	-.58114	-.57869	-.56564	-.57105	-.56899	-.56385
1.049	1.940	-.62957	-.61721	-.66815	-.66114	-.63208	-.62838	-.60435	-.60796	-.60271	-.59959
1.050	3.965	-.63962	-.62848	-.70254	-.69519	-.69028	-.67970	-.65395	-.64860	-.64437	-.63732
1.049	5.981	-.64726	-.63669	-.73853	-.72487	-.74826	-.73730	-.69047	-.69221	-.70297	-.68570
1.050	7.988	-.65254	-.64409	-.75909	-.74839	-.79345	-.79017	-.71824	-.71551	-.75249	-.74170
1.050	10.014	-.65347	-.64650	-.77625	-.76642	-.84143	-.83485	-.73216	-.73357	-.79345	-.78705
1.049	12.002	-.65295	-.64746	-.78768	-.78019	-.87279	-.86794	-.74653	-.74763	-.82096	-.81273
1.049	13.994	-.65537	-.64662	-.79730	-.78980	-.90027	-.89658	-.75970	-.75959	-.84251	-.83632
1.049	16.017	-.64854	-.64602	-.79981	-.79823	-.92071	-.92056	-.76990	-.77127	-.85757	-.85254
1.050	17.994	-.64653	-.64073	-.80352	-.80105	-.93341	-.93532	-.78044	-.78091	-.87115	-.86639
	GRADIENT	-.00827	-.00853	-.02116	-.02151	-.02625	-.02475	-.01972	-.01802	-.01826	-.01815

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.100	-1.895	-.50698	-.49122	-.49184	-.48286	-.44956	-.44857	-.45469	-.45935	-.45237	-.44536
1.100	-.033	-.52497	-.51091	-.54009	-.52962	-.49706	-.49338	-.48400	-.48807	-.48626	-.48117
1.100	1.941	-.54228	-.52853	-.57861	-.57232	-.54463	-.54203	-.52140	-.52374	-.51919	-.51547
1.101	4.017	-.55163	-.53931	-.61081	-.60503	-.59888	-.59199	-.56861	-.56385	-.55913	-.55280
1.100	6.001	-.55966	-.55044	-.64625	-.63281	-.65719	-.64713	-.60488	-.60686	-.61752	-.60149
1.100	8.012	-.56615	-.55666	-.66772	-.65650	-.70068	-.69762	-.63199	-.62859	-.66617	-.65684
1.100	10.034	-.56905	-.56125	-.68673	-.67632	-.74624	-.74229	-.64732	-.64757	-.70784	-.69928
1.099	12.005	-.57153	-.56457	-.70062	-.69245	-.78082	-.77626	-.66287	-.66509	-.73366	-.72816
1.100	13.998	-.57303	-.56495	-.71028	-.70266	-.80741	-.80480	-.67678	-.67672	-.75464	-.74996
1.101	16.034	-.57000	-.56418	-.71285	-.70945	-.82746	-.82736	-.68614	-.68692	-.76795	-.76522
1.100	18.066	-.56903	-.56094	-.71544	-.71373	-.84065	-.84196	-.69690	-.69824	-.78506	-.77919
	GRADIENT	-.00765	-.00818	-.02001	-.02071	-.02513	-.02430	-.01927	-.01774	-.01793	-.01809

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-1.882	-.45862	-.44149	-.44653	-.44055	-.40604	-.40585	-.41015	-.41973	-.40726	-.40517
1.151	.029	-.47233	-.45909	-.48739	-.47913	-.44691	-.44528	-.43855	-.44561	-.43765	-.43357
1.149	2.084	-.49065	-.47435	-.52489	-.51878	-.49710	-.49348	-.47652	-.48273	-.47040	-.47125
1.149	3.966	-.49863	-.48706	-.55365	-.54722	-.54471	-.53855	-.51915	-.51951	-.51006	-.50807
1.149	6.005	-.50456	-.49577	-.58279	-.57273	-.59270	-.58787	-.54832	-.55335	-.56064	-.55109
1.150	8.013	-.50784	-.49933	-.60070	-.59144	-.62831	-.63146	-.57261	-.57070	-.60298	-.59862
1.150	10.051	-.50987	-.50220	-.61881	-.60952	-.67051	-.66974	-.58462	-.58547	-.63970	-.63472
1.150	12.043	-.50841	-.50047	-.62807	-.61960	-.70241	-.69747	-.59390	-.59612	-.66032	-.65448
1.149	14.054	-.50647	-.49741	-.63643	-.62767	-.72631	-.72410	-.60446	-.60639	-.67675	-.67586
1.149	16.042	-.50045	-.49581	-.63547	-.63196	-.74120	-.74146	-.60902	-.61233	-.68690	-.68573
1.150	18.083	-.49563	-.49044	-.63083	-.63092	-.75391	-.75444	-.61685	-.61988	-.69691	-.69433
	GRADIENT	-.00707	-.00775	-.01831	-.01836	-.02379	-.02277	-.01862	-.01717	-.01739	-.01767

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.199	-1.899	-.41298	-.39911	-.40597	-.40014	-.36536	-.36684	-.37784	-.38157	-.37060	-.36559
1.200	.031	-.42529	-.41310	-.44219	-.43578	-.40387	-.40259	-.40220	-.40724	-.39611	-.39351
1.201	1.923	-.43990	-.42749	-.47219	-.46845	-.44697	-.44456	-.43664	-.43813	-.42792	-.42582
1.200	3.944	-.44817	-.43872	-.50226	-.49576	-.49487	-.48970	-.47393	-.47430	-.46905	-.46335
1.201	5.950	-.45312	-.44637	-.52552	-.51789	-.53687	-.53463	-.49931	-.50238	-.51488	-.50529
1.199	8.010	-.45819	-.45115	-.54545	-.53778	-.57453	-.57714	-.52490	-.52061	-.55527	-.55023
1.199	10.011	-.46059	-.45193	-.56162	-.55311	-.61242	-.61091	-.53511	-.53380	-.58753	-.58080
1.200	12.066	-.45869	-.44925	-.57165	-.56287	-.64265	-.63785	-.54141	-.54064	-.60402	-.59810
1.200	14.048	-.45522	-.44442	-.57734	-.56991	-.66186	-.66165	-.54901	-.54715	-.61921	-.61326
1.200	16.006	-.44656	-.43740	-.57856	-.57304	-.68141	-.67901	-.55270	-.55111	-.62635	-.62203
1.200	18.059	-.44747	-.43805	-.57630	-.57186	-.69224	-.69010	-.55724	-.55700	-.62943	-.62564
	GRADIENT	-.00618	-.00685	-.01641	-.01644	-.02223	-.02115	-.01663	-.01593	-.01686	-.01677

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.219	-1.949	-.40067	-.38853	-.39567	-.38971	-.35421	-.35557	-.37073	-.36802	-.36190	-.35150
1.220	.000	-.41567	-.39731	-.43110	-.42390	-.39523	-.39448	-.39460	-.39098	-.38788	-.37625
1.220	1.906	-.42797	-.40754	-.45882	-.45009	-.43715	-.42984	-.42496	-.41983	-.41651	-.40719
1.219	3.926	-.43634	-.41980	-.48873	-.47614	-.48276	-.47158	-.45847	-.45687	-.45690	-.44694
1.220	5.932	-.44146	-.42672	-.51059	-.49709	-.52027	-.51554	-.48155	-.48612	-.50012	-.48923
1.220	7.974	-.44418	-.43122	-.52914	-.51711	-.55797	-.55733	-.50544	-.50380	-.53643	-.53079
1.220	9.977	-.44610	-.43169	-.54300	-.53008	-.59149	-.58641	-.51256	-.51327	-.56592	-.55729
1.219	12.006	-.44692	-.43164	-.55382	-.54148	-.61968	-.61662	-.52369	-.52467	-.58590	-.58136
1.220	13.988	-.44171	-.42641	-.55900	-.54870	-.63993	-.63891	-.52707	-.52718	-.59760	-.59362
1.220	16.019	-.43181	-.41824	-.56048	-.55251	-.65568	-.65582	-.52673	-.52889	-.60504	-.60016
1.218	17.980	-.43497	-.42168	-.56240	-.55501	-.67167	-.67061	-.53568	-.53961	-.60704	-.60452
	GRADIENT	-.00610	-.00533	-.01571	-.01461	-.02190	-.01964	-.01504	-.01514	-.01607	-.01626

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.240	-2.006	-.38222	-.37251	-.37813	-.37195	-.33819	-.33691	-.35105	-.36011	-.34256	-.34167
1.239	.029	-.39757	-.38498	-.41369	-.40864	-.37767	-.37723	-.38055	-.38662	-.37301	-.37207
1.240	1.967	-.40785	-.39787	-.44044	-.43710	-.42104	-.41645	-.41688	-.41884	-.40703	-.40427
1.239	4.034	-.41671	-.40817	-.47007	-.46284	-.46619	-.45888	-.44964	-.45099	-.44806	-.44110
1.240	5.980	-.42061	-.41385	-.49034	-.48221	-.50322	-.49999	-.47318	-.47333	-.48931	-.47847
1.240	7.979	-.42190	-.41604	-.50496	-.49916	-.53540	-.53771	-.49282	-.49178	-.52334	-.52009
1.240	10.012	-.42425	-.41869	-.52002	-.51480	-.56884	-.56936	-.50234	-.50393	-.55246	-.54887
1.240	11.996	-.42337	-.41898	-.52968	-.52503	-.59460	-.59538	-.50878	-.51182	-.56800	-.56673
1.240	14.012	-.41707	-.41150	-.53394	-.52958	-.61469	-.61662	-.50981	-.51286	-.57814	-.57802
1.239	16.012	-.40938	-.40498	-.53569	-.53454	-.63230	-.63392	-.50979	-.51547	-.58666	-.58800
1.240	18.026	-.40936	-.40379	-.53303	-.53422	-.64340	-.64647	-.51826	-.52247	-.58634	-.58738
	GRADIENT	-.00567	-.00597	-.01509	-.01501	-.02131	-.02020	-.01655	-.01520	-.01748	-.01648

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	-1.990	-.35348	-.33703	-.35170	-.34394	-.31425	-.31113	-.33310	-.32476	-.32141	-.30654
1.299	.002	-.36644	-.34853	-.38002	-.37163	-.35382	-.34721	-.35966	-.35391	-.34715	-.33628
1.300	1.989	-.37534	-.35656	-.40688	-.39672	-.39371	-.38504	-.39086	-.38277	-.38074	-.36749
1.300	3.995	-.38080	-.36151	-.42987	-.41596	-.42972	-.41846	-.40985	-.40725	-.41514	-.39753
1.300	6.004	-.38534	-.36402	-.44772	-.43407	-.46287	-.45592	-.42596	-.42797	-.44663	-.43443
1.300	8.026	-.38552	-.36705	-.46307	-.44908	-.49532	-.48746	-.44358	-.44182	-.47709	-.46915
1.300	9.976	-.38330	-.36628	-.47535	-.45931	-.52294	-.51708	-.45324	-.45293	-.50100	-.49272
1.300	12.011	-.38268	-.36569	-.48210	-.46954	-.54724	-.54167	-.46147	-.46173	-.51612	-.51245
1.300	14.019	-.37969	-.36502	-.48652	-.47801	-.56574	-.56160	-.46678	-.46270	-.52978	-.52349
1.299	15.969	-.37043	-.36182	-.48871	-.48279	-.57882	-.57756	-.46724	-.45856	-.53801	-.52795
1.300	18.050	-.37029	-.36225	-.48610	-.47787	-.58960	-.58631	-.47068	-.46314	-.53516	-.52885
	GRADIENT	-.00456	-.00408	-.01311	-.01209	-.01937	-.01804	-.01311	-.01386	-.01579	-.01525

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.399	-1.985	-.29301	-.27643	-.29264	-.28790	-.26389	-.26199	-.28455	-.29093	-.26771	-.26628
1.400	.022	-.30166	-.29083	-.31617	-.31455	-.29519	-.29355	-.31295	-.30988	-.30079	-.29100
1.400	1.962	-.31212	-.29442	-.34354	-.33331	-.33398	-.32688	-.32858	-.33521	-.32304	-.32236
1.399	3.977	-.31318	-.30118	-.36074	-.35218	-.36492	-.36352	-.35320	-.36041	-.35604	-.35902
1.400	5.952	-.31709	-.30480	-.37438	-.36609	-.38802	-.38889	-.36856	-.37031	-.38264	-.38327
1.400	7.986	-.31328	-.30472	-.38834	-.37859	-.42289	-.42116	-.38825	-.38683	-.41759	-.41415
1.400	9.965	-.31691	-.30750	-.39969	-.38936	-.44454	-.44223	-.39415	-.38844	-.43327	-.42750
1.400	11.982	-.31189	-.30620	-.40580	-.39947	-.46123	-.46177	-.39540	-.38968	-.44656	-.43732
1.400	13.992	-.31140	-.30484	-.40905	-.40644	-.48025	-.48164	-.39836	-.39465	-.45499	-.45090
1.400	15.951	-.30759	-.30305	-.41296	-.40948	-.49245	-.49411	-.39826	-.39512	-.46148	-.45566
1.400	17.977	-.30781	-.30670	-.40456	-.40510	-.50236	-.50172	-.39731	-.40018	-.45994	-.45755
	GRADIENT	-.00358	-.00393	-.01168	-.01067	-.01724	-.01705	-.01118	-.01179	-.01450	-.01562

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.550	-1.859	-.22796	-.22199	-.23350	-.23566	-.21572	-.21589	-.24544	-.24653	-.22734	-.22465
1.550	.031	-.24225	-.23404	-.25668	-.25629	-.24360	-.24691	-.26834	-.26720	-.25595	-.24876
1.550	2.052	-.25254	-.24367	-.28004	-.27676	-.27740	-.27975	-.29269	-.28994	-.28923	-.28449
1.551	4.093	-.25876	-.24706	-.29606	-.28928	-.30262	-.30304	-.29694	-.29483	-.30622	-.29765
1.550	6.060	-.25865	-.24380	-.30983	-.29892	-.32998	-.32722	-.31165	-.31207	-.33174	-.32852
1.550	8.088	-.25710	-.24954	-.31804	-.31376	-.34703	-.34931	-.32113	-.32059	-.35041	-.34620
1.550	10.082	-.25543	-.24566	-.32299	-.31966	-.36494	-.36721	-.32134	-.32333	-.35822	-.35811
1.550	12.062	-.25082	-.24610	-.32736	-.32528	-.38172	-.38399	-.32728	-.32737	-.37281	-.36854
1.550	14.095	-.25197	-.23933	-.33396	-.32776	-.39598	-.39729	-.33135	-.32827	-.37851	-.37392
1.549	16.084	-.24688	-.23739	-.33500	-.33005	-.40533	-.40600	-.32984	-.32422	-.38246	-.37595
	GRADIENT	-.00515	-.00425	-.01060	-.00911	-.01481	-.01479	-.00896	-.00841	-.01356	-.01280

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.201	-1.827	-.34235	-.30403	-.31487	-.32929	-.29984	-.30815	-.30840	-.28475	-.29203	-.27862
.201	.217	-.34066	-.31087	-.32385	-.34463	-.29603	-.32137	-.29394	-.29159	-.28611	-.28335
.203	2.133	-.33844	-.31959	-.31348	-.35702	-.30287	-.33412	-.29661	-.30059	-.29102	-.29248
.204	4.121	-.33929	-.32688	-.33953	-.37424	-.31866	-.35576	-.29794	-.31224	-.29242	-.30632
.203	6.092	-.36134	-.35719	-.36159	-.41328	-.33427	-.38839	-.31338	-.33825	-.29316	-.33438
.204	7.842	-.36627	-.36631	-.36861	-.43031	-.34562	-.40560	-.31864	-.35372	-.31525	-.35198
.200	9.797	-.39646	-.39006	-.39244	-.45415	-.35573	-.41352	-.32996	-.36627	-.31997	-.35371
.200	11.702	-.39643	-.41590	-.42262	-.48234	-.38362	-.44158	-.35776	-.39634	-.34563	-.38160
.201	13.722	-.42780	-.44284	-.44310	-.50663	-.39796	-.45977	-.37872	-.42128	-.36028	-.40453
.201	15.703	-.43592	-.46161	-.44906	-.51879	-.39762	-.46566	-.37844	-.43369	-.36435	-.40204
	GRADIENT	.00058	-.00391	-.00324	-.00745	-.00319	-.00787	.00147	-.00463	-.00030	-.00466

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.397	-1.949	-.32353	-.28940	-.30844	-.31737	-.27533	-.28926	-.28126	-.27281	-.27369	-.26129
.398	.036	-.32878	-.30295	-.32196	-.33791	-.28890	-.31220	-.28658	-.28637	-.28258	-.27606
.398	2.027	-.33179	-.31422	-.33086	-.35612	-.29670	-.32815	-.28734	-.29534	-.28453	-.28859
.398	4.034	-.33839	-.33023	-.34333	-.37557	-.31156	-.35115	-.29636	-.31488	-.29239	-.30112
.398	6.021	-.34806	-.34810	-.35652	-.40163	-.32357	-.37253	-.30016	-.33040	-.29972	-.32017
.399	7.888	-.36148	-.36269	-.36759	-.42313	-.33586	-.39409	-.31015	-.35086	-.30623	-.33950
.399	9.869	-.37861	-.38685	-.39176	-.44611	-.35182	-.41240	-.32611	-.36916	-.31635	-.35195
.399	11.864	-.39227	-.40636	-.40778	-.46444	-.36315	-.42956	-.34329	-.38399	-.32888	-.36211
.399	13.871	-.41081	-.42726	-.42517	-.48889	-.38049	-.44345	-.35827	-.40954	-.34387	-.38766
.399	15.864	-.42931	-.45745	-.44601	-.51079	-.38733	-.45489	-.37450	-.43740	-.36251	-.40035
.398	17.907	-.44920	-.48447	-.45892	-.53328	-.39887	-.47133	-.38717	-.45848	-.36457	-.41898
	GRADIENT	-.00239	-.00671	-.00569	-.00967	-.00584	-.01011	-.00231	-.00678	-.00291	-.00662

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.600	-1.921	-.34340	-.31105	-.32454	-.32916	-.29345	-.30808	-.30325	-.29003	-.29395	-.27583
.600	.057	-.34409	-.32263	-.33662	-.34793	-.30505	-.32895	-.30553	-.30265	-.30039	-.28796
.601	2.070	-.35114	-.33901	-.34731	-.36940	-.31580	-.34840	-.30544	-.31597	-.30445	-.30286
.600	4.093	-.35819	-.35483	-.35953	-.39099	-.32531	-.36733	-.31181	-.32910	-.30771	-.31543
.602	6.111	-.36691	-.37079	-.37083	-.41300	-.33826	-.38994	-.31912	-.34821	-.31453	-.33564
.601	8.014	-.37983	-.39452	-.38839	-.44123	-.35126	-.41515	-.32649	-.36837	-.32399	-.35585
.601	10.027	-.40028	-.41555	-.40681	-.46290	-.37008	-.43054	-.34523	-.38775	-.33550	-.36900
.601	11.881	-.41727	-.43819	-.42793	-.48643	-.38406	-.44797	-.36030	-.40940	-.34649	-.38556
.600	13.852	-.43985	-.46501	-.44849	-.51186	-.39822	-.46601	-.37954	-.43348	-.35896	-.40646
.599	15.888	-.45928	-.49587	-.46692	-.53753	-.40936	-.48132	-.39739	-.46067	-.37268	-.42278
.600	17.886	-.48027	-.52402	-.48118	-.56141	-.41550	-.49605	-.41028	-.48423	-.38047	-.43870
	GRADIENT	-.00257	-.00737	-.00577	-.01032	-.00530	-.00983	-.00128	-.00651	-.00226	-.00667

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.697	-1.908	-.35153	-.32211	-.32895	-.33756	-.29977	-.31531	-.30811	-.29585	-.29845	-.28285
.700	.005	-.35612	-.33470	-.34150	-.35706	-.30959	-.33784	-.31211	-.30940	-.30417	-.29814
.701	2.105	-.36251	-.35102	-.35535	-.37950	-.31936	-.35703	-.31486	-.32329	-.30943	-.31040
.701	4.058	-.36866	-.36623	-.36768	-.40132	-.33207	-.37801	-.32014	-.33888	-.31554	-.32682
.702	6.096	-.38095	-.38760	-.38205	-.42848	-.34393	-.40227	-.32704	-.35858	-.32162	-.34777
.700	7.970	-.39746	-.41241	-.40022	-.45546	-.35908	-.42753	-.33842	-.38246	-.33010	-.36708
.699	10.039	-.41875	-.43821	-.42442	-.48279	-.37882	-.44915	-.35614	-.40502	-.34374	-.38557
.699	11.895	-.44042	-.46611	-.44652	-.51237	-.39755	-.47127	-.37359	-.42997	-.35541	-.40596
.699	13.859	-.46653	-.49763	-.47058	-.54308	-.41866	-.49368	-.39510	-.45814	-.36989	-.42792
.698	15.880	-.49518	-.53461	-.49885	-.57717	-.44105	-.51862	-.41872	-.49009	-.39021	-.45116
.699	17.891	-.52653	-.57427	-.52317	-.61102	-.45953	-.54209	-.44009	-.52392	-.40289	-.47297
	GRADIENT	-.00289	-.00744	-.00650	-.01069	-.00533	-.01036	-.00194	-.00715	-.00283	-.00720

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.799	-2.004	-.35599	-.32933	-.33369	-.34391	-.30166	-.32328	-.30794	-.29940	-.29582	-.28581
.799	-.017	-.36201	-.34401	-.34838	-.36760	-.31287	-.34662	-.31083	-.31303	-.30149	-.30049
.800	2.012	-.37550	-.36547	-.37055	-.39671	-.33706	-.37745	-.31799	-.33235	-.31039	-.32085
.800	3.963	-.39810	-.39466	-.40081	-.43598	-.37076	-.41881	-.33115	-.35838	-.32532	-.34793
.800	6.025	-.43038	-.43251	-.44251	-.48491	-.41871	-.47332	-.35441	-.39517	-.34829	-.38476
.800	7.926	-.46714	-.47067	-.48730	-.53449	-.46626	-.53022	-.38669	-.44027	-.38168	-.42886
.800	9.993	-.50968	-.50488	-.53679	-.57172	-.51264	-.58135	-.42481	-.48978	-.41711	-.47495
.800	11.885	-.53999	-.54423	-.57480	-.59928	-.55061	-.60546	-.45959	-.52945	-.44882	-.50873
.800	13.917	-.56979	-.59871	-.59419	-.64263	-.57242	-.62624	-.48971	-.57348	-.47029	-.53923
.800	15.945	-.61711	-.64219	-.61719	-.70024	-.58327	-.66133	-.51872	-.61870	-.48928	-.57062
.800	17.930	-.66126	-.66655	-.65303	-.72392	-.60205	-.68292	-.53815	-.66111	-.50317	-.58939
	GRADIENT	-.00701	-.01090	-.01121	-.01531	-.01160	-.01592	-.00385	-.00984	-.00488	-.01037

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.849	-1.913	-.28156	-.19263	-.29342	-.22702	-.28910	-.24201	-.27522	-.25756	-.26681	-.24616
.849	.022	-.26150	-.22615	-.29287	-.23728	-.31873	-.25037	-.28728	-.27214	-.28439	-.26331
.850	1.976	-.27765	-.32015	-.29926	-.30656	-.33903	-.28371	-.30178	-.28504	-.30576	-.28110
.850	4.042	-.34931	-.48161	-.35864	-.43031	-.37667	-.36150	-.32483	-.30710	-.33568	-.31031
.850	6.043	-.45232	-.70243	-.46009	-.61020	-.45928	-.49490	-.36310	-.33856	-.37825	-.34601
.850	7.988	-.57457	-.72934	-.58404	-.72770	-.56377	-.61902	-.41523	-.39391	-.43892	-.40950
.850	10.078	-.63900	-.67951	-.65530	-.70635	-.62433	-.64330	-.45710	-.45904	-.48315	-.47986
.850	11.928	-.67001	-.69109	-.68276	-.71595	-.64375	-.65590	-.47224	-.48644	-.49763	-.50467
.849	13.950	-.69920	-.73001	-.70842	-.74777	-.66223	-.67564	-.48657	-.51857	-.50458	-.52035
.850	15.933	-.73790	-.78422	-.73840	-.79868	-.67768	-.71405	-.50860	-.59099	-.51238	-.55886
.850	17.980	-.75963	-.81630	-.75142	-.82363	-.68906	-.72220	-.56460	-.66765	-.55522	-.61197
	GRADIENT	-.01123	-.04869	-.01030	-.03445	-.01430	-.01989	-.00826	-.00816	-.01152	-.01063

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.901	-1.991	-.83370	-.77682	-.80318	-.77915	-.74378	-.75210	-.61221	-.70316	-.55804	-.69618
.899	-.038	-.87630	-.81046	-.85735	-.84541	-.81126	-.81436	-.71577	-.74549	-.63142	-.74648
.899	1.974	-.90543	-.83165	-.91521	-.90593	-.87123	-.87918	-.79650	-.78650	-.72732	-.79271
.900	3.952	-.92044	-.84368	-.97113	-.95232	-.92076	-.94452	-.83360	-.83821	-.80186	-.83684
.900	5.989	-.93391	-.84982	-1.01634	-.98315	-.97786	-1.02323	-.87452	-.89497	-.85787	-.89792
.900	7.876	-.93816	-.85736	-1.05550	-1.01307	-1.04690	-1.09563	-.94012	-.92757	-.91594	-.98249
.900	10.025	-.93295	-.86539	-1.08335	-1.03790	-1.12171	-1.13831	-.98949	-.95986	-1.01283	-1.03242
.900	11.900	-.93540	-.86879	-1.09637	-1.05428	-1.16304	-1.17108	-1.02085	-.98513	-1.07449	-1.06894
.900	13.924	-.93954	-.86904	-1.11161	-1.06497	-1.20651	-1.20295	-1.04469	-1.01021	-1.12487	-1.10613
.899	15.891	-.94398	-.86797	-1.12345	-1.07890	-1.24184	-1.23248	-1.07020	-1.03508	-1.15689	-1.14112
.899	17.929	-.94375	-.87092	-1.13218	-1.08691	-1.26549	-1.25609	-1.09468	-1.06221	-1.18896	-1.17310
	GRADIENT	-.01458	-.01117	-.02831	-.02923	-.02978	-.03236	-.03753	-.02249	-.04171	-.02360

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.950	-1.972	-.76093	-.70008	-.72909	-.70752	-.68840	-.67407	-.65497	-.64788	-.58845	-.64241
.950	.045	-.79527	-.72830	-.77789	-.76835	-.73454	-.73201	-.71322	-.68731	-.67371	-.68157
.950	1.988	-.81641	-.74376	-.82795	-.81461	-.77829	-.79161	-.74806	-.72965	-.73964	-.72194
.950	4.016	-.83320	-.75826	-.88055	-.85531	-.82944	-.85657	-.78104	-.78656	-.78543	-.77515
.950	6.057	-.84788	-.76746	-.91920	-.88641	-.88367	-.92893	-.81939	-.83095	-.81954	-.83806
.950	7.981	-.85037	-.77279	-.95929	-.91200	-.95405	-.99092	-.87242	-.85451	-.86834	-.91104
.951	10.031	-.84675	-.77679	-.98031	-.93163	-1.01574	-1.03090	-.91116	-.87451	-.94764	-.94685
.950	11.930	-.84343	-.78441	-.99173	-.95022	-1.05917	-1.06825	-.93035	-.89599	-.99983	-.98048
.949	14.018	-.84796	-.78456	-1.00679	-.96234	-1.10951	-1.09952	-.95257	-.91528	-1.04040	-.96781
.950	15.938	-.84978	-.78053	-1.01312	-.97179	-1.13271	-1.09757	-.96838	-.93161	-1.06270	-.97525
.950	17.931	-.84434	-.77922	-1.01498	-.97715	-1.15144	-1.09845	-.98184	-.95290	-1.08128	-1.02277
	GRADIENT	-.01195	-.00955	-.02534	-.02460	-.02346	-.03050	-.02075	-.02303	-.03299	-.02204

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.980	-2.030	-.71290	-.65412	-.68076	-.66096	-.64350	-.62740	-.64035	-.61128	-.59190	-.60625
.980	.010	-.74518	-.68052	-.72648	-.72029	-.68528	-.68561	-.67401	-.64573	-.65360	-.64492
.980	1.987	-.76302	-.69698	-.77678	-.76437	-.72830	-.74340	-.70501	-.69235	-.70510	-.68543
.980	4.017	-.78035	-.71070	-.82487	-.80122	-.77780	-.80512	-.74081	-.74460	-.74433	-.73774
.979	6.008	-.79501	-.72078	-.86173	-.83072	-.83083	-.87492	-.78230	-.78718	-.77916	-.80162
.979	7.948	-.79842	-.72585	-.90132	-.85624	-.89841	-.93181	-.82884	-.80878	-.82662	-.86610
.981	9.975	-.79407	-.72887	-.91951	-.87474	-.95466	-.96867	-.86139	-.82706	-.89705	-.89860
.979	11.942	-.79277	-.73692	-.93412	-.89361	-1.00381	-1.00657	-.88059	-.84884	-.94641	-.92833
.980	13.938	-.79329	-.73538	-.94289	-.90219	-1.03771	-1.02708	-.89563	-.86005	-.97718	-.89702
.979	15.929	-.79330	-.73088	-.95024	-.91173	-1.06518	-1.03058	-.91102	-.87624	-.99991	-.91938
.981	17.964	-.78881	-.72742	-.95097	-.91575	-1.08252	-1.02278	-.92202	-.89137	-1.01524	-.95605
.980	18.933	-.78854	-.72649	-.95126	-.91766	-1.09115	-1.05418	-.93121	-.89686	-1.02459	-.98821
	GRADIENT	-.01095	-.00926	-.02399	-.02311	-.02217	-.02938	-.01652	-.02220	-.02529	-.02162

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70.	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.051	-1.981	-.61152	-.55067	-.57989	-.56321	-.54353	-.52775	-.55715	-.52216	-.53517	-.51461
1.049	.002	-.63611	-.57188	-.62321	-.61298	-.58082	-.58224	-.58046	-.55819	-.57609	-.55186
1.050	2.007	-.65113	-.58848	-.66802	-.65269	-.62003	-.63715	-.60448	-.60333	-.60791	-.59466
1.049	4.009	-.66607	-.60134	-.70650	-.68426	-.66445	-.69639	-.63937	-.64978	-.63958	-.64324
1.051	6.077	-.67372	-.60852	-.73458	-.70878	-.71221	-.75235	-.68183	-.67764	-.67288	-.70084
1.050	7.994	-.68229	-.61507	-.77249	-.73124	-.77537	-.80088	-.72067	-.69955	-.72518	-.75154
1.050	9.971	-.68223	-.61802	-.79346	-.75042	-.82512	-.83604	-.74848	-.71579	-.78424	-.77786
1.050	11.999	-.67681	-.62090	-.80434	-.76366	-.86655	-.86941	-.75907	-.73140	-.82514	-.80801
1.049	13.935	-.67635	-.62155	-.81239	-.77460	-.89994	-.89654	-.77358	-.74379	-.84781	-.82854
1.049	15.931	-.67411	-.61896	-.81772	-.78197	-.92351	-.91503	-.78304	-.75588	-.86421	-.84400
1.049	17.964	-.67009	-.61637	-.81773	-.78729	-.93881	-.92883	-.79373	-.76832	-.87828	-.86041
1.050	18.963	-.66922	-.61462	-.81887	-.78696	-.94645	-.93289	-.79845	-.76859	-.88387	-.86392
	GRADIENT	-.00894	-.00844	-.02126	-.02016	-.02012	-.02808	-.01355	-.02143	-.01727	-.02146

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.100	-2.011	-.52762	-.46562	-.49644	-.47845	-.45970	-.44338	-.47601	-.43807	-.45762	-.43030
1.100	.036	-.55046	-.48594	-.53905	-.52691	-.49610	-.49721	-.49745	-.47613	-.49492	-.46782
1.099	1.984	-.56454	-.50132	-.58140	-.56352	-.53638	-.55158	-.52501	-.52170	-.52706	-.51229
1.099	4.064	-.57775	-.51474	-.61729	-.59482	-.57929	-.60944	-.55742	-.56709	-.55612	-.56252
1.101	6.016	-.58683	-.52206	-.64482	-.61861	-.62378	-.66184	-.59736	-.59313	-.58761	-.61720
1.099	7.998	-.59574	-.52807	-.68190	-.64086	-.68692	-.70824	-.63806	-.61423	-.64484	-.66444
1.101	9.959	-.59745	-.53072	-.70332	-.65891	-.73582	-.74318	-.66577	-.62837	-.70181	-.69126
1.100	11.929	-.59508	-.53974	-.71697	-.67598	-.77631	-.77656	-.67747	-.64858	-.74298	-.71935
1.100	13.880	-.59395	-.54018	-.72426	-.68590	-.80855	-.80199	-.69079	-.65943	-.76095	-.73905
1.101	15.863	-.59155	-.53753	-.72824	-.69273	-.82996	-.82310	-.69875	-.67163	-.77734	-.75684
1.100	17.929	-.58825	-.53927	-.72870	-.70076	-.84515	-.83348	-.70793	-.68417	-.78856	-.76944
	GRADIENT	-.00815	-.00807	-.02006	-.01912	-.01978	-.02739	-.01348	-.02144	-.01624	-.02187

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.149	-1.946	-.47706	-.41765	-.44757	-.43386	-.41267	-.40197	-.42894	-.40008	-.41501	-.38967
1.151	.041	-.49412	-.43369	-.48623	-.47524	-.44364	-.44974	-.44579	-.43517	-.44325	-.42397
1.149	2.010	-.50717	-.44892	-.52361	-.50786	-.48098	-.50058	-.46959	-.47662	-.47041	-.46600
1.150	4.046	-.51809	-.45876	-.55389	-.53451	-.52066	-.55484	-.49849	-.51515	-.49604	-.51452
1.150	6.022	-.52239	-.46636	-.57811	-.55730	-.56035	-.60140	-.53430	-.53574	-.52443	-.56333
1.149	7.940	-.53102	-.46992	-.61121	-.57539	-.61612	-.63976	-.57258	-.55186	-.57967	-.60027
1.151	9.996	-.53081	-.47278	-.62923	-.59146	-.65905	-.67019	-.59505	-.56353	-.63239	-.62245
1.150	11.910	-.52751	-.47387	-.64149	-.60341	-.69708	-.69850	-.60535	-.57519	-.66602	-.64439
1.150	13.852	-.52389	-.47275	-.64728	-.61140	-.72447	-.71894	-.61474	-.58264	-.68208	-.66070
1.149	15.884	-.51805	-.47131	-.65064	-.61529	-.74532	-.73699	-.62223	-.59343	-.69601	-.67071
1.150	17.883	-.51507	-.46916	-.64850	-.61896	-.75954	-.74677	-.62619	-.60181	-.70081	-.68049
	GRADIENT	-.00682	-.00694	-.01786	-.01676	-.01812	-.02555	-.01166	-.01938	-.01355	-.02089

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.200	-2.026	-.43552	-.37322	-.40823	-.39295	-.37105	-.36304	-.39648	-.36524	-.38360	-.35122
1.200	.095	-.45275	-.38854	-.44715	-.42937	-.40643	-.41056	-.41858	-.40167	-.41252	-.39120
1.200	1.941	-.46507	-.40197	-.48063	-.45793	-.43965	-.45511	-.44041	-.43837	-.43656	-.43092
1.201	4.006	-.47512	-.41199	-.50832	-.48421	-.48060	-.50795	-.47078	-.47170	-.46508	-.47621
1.200	6.036	-.47933	-.42109	-.53326	-.50638	-.51935	-.55075	-.50084	-.49577	-.49192	-.52445
1.199	7.909	-.48127	-.42750	-.55752	-.52731	-.56670	-.58887	-.52858	-.50826	-.53957	-.55332
1.201	9.941	-.48280	-.42850	-.57262	-.53913	-.60409	-.61453	-.54558	-.52064	-.58056	-.57684
1.199	11.883	-.47512	-.43140	-.58130	-.55267	-.63154	-.64169	-.55044	-.53011	-.60914	-.59476
1.199	13.868	-.47123	-.42894	-.58916	-.56084	-.66211	-.66271	-.55781	-.53723	-.62403	-.60857
1.199	15.898	-.46291	-.42802	-.59035	-.56073	-.68022	-.67430	-.55798	-.54502	-.63247	-.61567
1.200	17.950	-.45264	-.42319	-.58858	-.55765	-.69242	-.68081	-.56031	-.54925	-.63363	-.62064
	GRADIENT	-.00658	-.00650	-.01673	-.01517	-.01814	-.02403	-.01227	-.01784	-.01347	-.02078

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.299	-1.986	-.37249	-.31740	-.35571	-.34046	-.32065	-.31696	-.34697	-.32393	-.33215	-.30257
1.300	-.006	-.38584	-.33054	-.38640	-.36882	-.35138	-.35833	-.35805	-.35348	-.34848	-.33967
1.300	2.003	-.39451	-.34161	-.41042	-.39188	-.37931	-.39697	-.37935	-.38285	-.37154	-.37597
1.300	4.023	-.39502	-.34727	-.42804	-.41032	-.40993	-.43599	-.40650	-.40998	-.39902	-.42253
1.301	6.014	-.40134	-.34239	-.44792	-.42125	-.43938	-.46567	-.43220	-.42207	-.42798	-.45024
1.301	7.960	-.40725	-.34865	-.47113	-.43809	-.48166	-.49721	-.45426	-.43372	-.46602	-.47402
1.300	9.956	-.40482	-.35576	-.48428	-.45499	-.51358	-.52738	-.46944	-.44168	-.50122	-.48920
1.300	11.944	-.39811	-.36381	-.49223	-.47188	-.53997	-.55200	-.47450	-.44446	-.52334	-.50464
1.299	13.928	-.39635	-.36205	-.49854	-.47704	-.56101	-.56697	-.47476	-.45972	-.53256	-.52395
1.300	15.933	-.38714	-.35655	-.49816	-.47345	-.57777	-.57535	-.47550	-.46593	-.54353	-.52679
1.300	17.979	-.38343	-.35567	-.49933	-.47052	-.59158	-.57844	-.47024	-.46789	-.54335	-.52745
	GRADIENT	-.00380	-.00502	-.01202	-.01161	-.01476	-.01975	-.00999	-.01435	-.01117	-.01978

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.400	-1.935	-.31026	-.25339	-.30275	-.28001	-.26689	-.26728	-.28552	-.27989	-.27129	-.26155
1.400	.005	-.32373	-.26343	-.32568	-.30318	-.29524	-.30275	-.31473	-.30508	-.30027	-.29306
1.400	1.991	-.33013	-.27143	-.34527	-.32414	-.32279	-.34061	-.34089	-.32719	-.32502	-.32950
1.400	4.002	-.34040	-.28167	-.37048	-.34299	-.35314	-.37066	-.35118	-.34348	-.34423	-.35929
1.399	6.067	-.33647	-.28382	-.38111	-.35651	-.38327	-.40161	-.37701	-.35986	-.37818	-.39085
1.400	8.005	-.33697	-.28818	-.39550	-.37008	-.41050	-.42534	-.38912	-.36658	-.40291	-.40550
1.400	10.062	-.34583	-.28809	-.41677	-.37727	-.44351	-.44063	-.39893	-.37406	-.43341	-.41963
1.399	11.982	-.33223	-.28895	-.41856	-.38956	-.46403	-.46629	-.40727	-.37832	-.45078	-.43262
1.400	13.953	-.32913	-.28220	-.42192	-.39038	-.48709	-.48304	-.40865	-.38431	-.46157	-.44456
1.400	15.999	-.32370	-.28825	-.42329	-.39492	-.49957	-.48807	-.40830	-.38342	-.46778	-.44391
1.400	17.976	-.32024	-.29054	-.42203	-.39226	-.50796	-.49161	-.40734	-.39591	-.47020	-.44835
	GRADIENT	-.00489	-.00469	-.01125	-.01060	-.01446	-.01757	-.01125	-.01074	-.01229	-.01665

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.549	-1.816	-.25601	-.19623	-.24955	-.22292	-.22382	-.22208	-.25740	-.24298	-.23358	-.22326
1.550	.129	-.26754	-.20861	-.27058	-.24325	-.24734	-.25319	-.27908	-.26367	-.26035	-.25726
1.551	2.137	-.27798	-.22026	-.29309	-.26475	-.27776	-.28454	-.29683	-.28267	-.28258	-.28960
1.550	4.139	-.28144	-.22208	-.30992	-.27550	-.30123	-.30515	-.30413	-.28677	-.29847	-.30674
1.550	6.194	-.28079	-.22430	-.31817	-.28881	-.31996	-.32958	-.31397	-.30422	-.31979	-.32770
1.550	8.094	-.28037	-.23041	-.32870	-.30480	-.34599	-.35303	-.32957	-.30182	-.34969	-.33408
1.550	10.106	-.27271	-.23735	-.33552	-.31480	-.36290	-.37528	-.33512	-.31088	-.36569	-.35196
1.550	11.921	-.26979	-.22925	-.34357	-.31391	-.38118	-.38092	-.33334	-.32012	-.37448	-.36387
1.551	13.891	-.26379	-.22288	-.34273	-.31684	-.39848	-.39249	-.33630	-.31988	-.38354	-.36845
1.550	15.882	-.25904	-.22896	-.34170	-.32028	-.40247	-.39490	-.32989	-.30969	-.37960	-.35946
1.550	17.910	-.25750	-.23251	-.34197	-.32026	-.41282	-.40113	-.33397	-.32234	-.38746	-.36954
	GRADIENT	-.00436	-.00448	-.01024	-.00901	-.01322	-.01411	-.00794	-.00755	-.01090	-.01422

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.260	7.995	-.40225	-.39443	-.48477	-.47705	-.51609	-.51777	-.47329	-.47413	-.50127	-.49556
1.260	11.981	-.40148	-.39452	-.51034	-.50025	-.57582	-.56959	-.48804	-.48946	-.54241	-.53749
1.261	15.954	-.39703	-.38220	-.52280	-.51066	-.61394	-.60798	-.48738	-.49374	-.56073	-.56045
1.260	17.997	-.39821	-.38050	-.51907	-.50898	-.62487	-.62036	-.49711	-.50026	-.56246	-.56159
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.280	7.973	-.39676	-.37679	-.47714	-.45903	-.50541	-.49723	-.46252	-.45321	-.49442	-.47830
1.279	12.004	-.39784	-.38047	-.50033	-.48509	-.56257	-.55551	-.47902	-.46999	-.53891	-.52066
1.280	16.026	-.39227	-.37084	-.51158	-.49574	-.59964	-.59197	-.48272	-.47282	-.55570	-.54352
1.281	17.973	-.39526	-.37152	-.51074	-.49549	-.61296	-.60356	-.48944	-.47982	-.55512	-.54614
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.300	7.980	-.38551	-.36677	-.46237	-.44926	-.49486	-.49047	-.44550	-.44317	-.47694	-.47075
1.299	12.031	-.38349	-.36535	-.48225	-.46913	-.54330	-.54033	-.45991	-.46045	-.51220	-.50998
1.300	15.998	-.36926	-.36035	-.48713	-.48265	-.57507	-.57843	-.46593	-.45781	-.53621	-.52701
1.299	18.005	-.36898	-.36209	-.48714	-.47862	-.58808	-.58508	-.46940	-.46215	-.53361	-.52673
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.321	7.999	-.36780	-.35631	-.44422	-.43520	-.47723	-.47402	-.43748	-.42969	-.46827	-.46355
1.320	11.971	-.36830	-.36027	-.46440	-.45851	-.52484	-.52621	-.45015	-.44234	-.50528	-.49731
1.320	16.033	-.36169	-.35253	-.47439	-.46995	-.56106	-.56211	-.45502	-.44809	-.52437	-.51696
1.320	17.990	-.35858	-.35315	-.46810	-.46567	-.56996	-.57014	-.45444	-.45211	-.52078	-.51567
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.340	7.967	-.35137	-.35341	-.42587	-.42924	-.45353	-.46840	-.41775	-.42634	-.44889	-.45455
1.341	12.003	-.35058	-.35206	-.44497	-.44832	-.50496	-.51869	-.43738	-.44225	-.48887	-.49074
1.340	16.031	-.34241	-.34072	-.45354	-.45545	-.54034	-.54773	-.43903	-.44247	-.50672	-.50682
1.340	17.999	-.34234	-.34324	-.45203	-.45221	-.55124	-.55317	-.43527	-.43972	-.50277	-.50374
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (KVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.360	7.963	-.33710	-.33484	-.41533	-.41013	-.45131	-.44870	-.40319	-.41122	-.43401	-.43999
1.360	12.007	-.33360	-.33393	-.43644	-.43005	-.49720	-.49887	-.41853	-.42743	-.46989	-.47467
1.361	16.017	-.32775	-.32320	-.43985	-.43604	-.52601	-.52622	-.41910	-.42540	-.48560	-.48976
1.361	18.000	-.33390	-.32764	-.43927	-.43318	-.53592	-.53526	-.42141	-.42856	-.48726	-.48826
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.380	7.969	-.33384	-.32416	-.40214	-.39782	-.43573	-.43400	-.39375	-.39234	-.42963	-.42044
1.380	11.979	-.32819	-.31906	-.42153	-.41632	-.47923	-.48062	-.40424	-.40797	-.45944	-.45276
1.380	16.017	-.32235	-.31035	-.42720	-.42370	-.51158	-.51381	-.40876	-.41077	-.47606	-.47278
1.380	17.982	-.32262	-.31580	-.42263	-.42285	-.51823	-.52073	-.40767	-.41053	-.47193	-.47095
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.400	7.959	-.31152	-.30384	-.38837	-.37722	-.42540	-.41596	-.38199	-.38087	-.41182	-.41068
1.400	11.972	-.31302	-.30648	-.40648	-.39930	-.46581	-.46692	-.40038	-.39410	-.45060	-.44366
1.401	15.967	-.30708	-.30225	-.41190	-.40899	-.49111	-.49478	-.39977	-.39663	-.46243	-.45775
1.400	18.000	-.30747	-.30607	-.40363	-.40417	-.50255	-.50221	-.39810	-.40068	-.45986	-.45948
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
1.451	8.074	-.28848	-.28593	-.35579	-.35811	-.39092	-.39724	-.34997	-.35975	-.38325	-.38762
1.450	11.939	-.28522	-.28469	-.37278	-.37194	-.43021	-.43535	-.36497	-.37101	-.41317	-.41632
1.450	16.053	-.28240	-.27756	-.37989	-.37990	-.45723	-.46293	-.36718	-.37180	-.42814	-.42725
1.450	18.065	-.28840	-.28356	-.37920	-.37663	-.46649	-.46760	-.36736	-.37255	-.42740	-.42766
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (KVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.199	-3.797	-.31757	-.30019	-.29601	-.29990	-.26977	-.27611	-.27198	-.27396	-.27046	-.25680
.200	-1.827	-.31510	-.30864	-.31316	-.31484	-.28919	-.29549	-.28055	-.28468	-.28775	-.26977
.199	.128	-.33354	-.31835	-.32942	-.33326	-.30538	-.31385	-.28801	-.28997	-.29743	-.27937
.200	2.188	-.33907	-.32402	-.34147	-.34525	-.31548	-.32387	-.29180	-.29590	-.30116	-.28324
.200	4.178	-.36470	-.34530	-.37144	-.37952	-.35186	-.35810	-.31947	-.32141	-.33322	-.31522
.201	6.184	-.35368	-.33876	-.36677	-.37474	-.34312	-.34928	-.30466	-.30871	-.31613	-.30046
.200	8.191	-.39213	-.37057	-.41185	-.41123	-.37930	-.38551	-.34045	-.34238	-.34775	-.33621
.200	10.196	-.38881	-.38239	-.42142	-.42723	-.39326	-.39944	-.35236	-.35211	-.35537	-.33952
.201	12.206	-.41176	-.39682	-.44204	-.44564	-.40548	-.41161	-.36484	-.37314	-.38288	-.35422
.201	14.201	-.43023	-.41532	-.45407	-.46406	-.41328	-.42153	-.37911	-.38525	-.38002	-.36423
.201	16.191	-.45208	-.43499	-.47384	-.49025	-.42652	-.44121	-.39655	-.40484	-.39535	-.38378
	GRADIENT	-.00593	-.00529	-.00897	-.00950	-.00954	-.00963	-.00532	-.00532	-.00696	-.00653

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.249	-3.792	-.30517	-.29213	-.28358	-.29183	-.25511	-.25928	-.25514	-.25931	-.25579	-.24430
.250	-1.773	-.30600	-.29087	-.29539	-.30357	-.27145	-.27774	-.26065	-.26695	-.27000	-.25855
.250	.184	-.31562	-.30265	-.31585	-.32401	-.29405	-.29817	-.27024	-.27437	-.26658	-.26814
.250	2.014	-.32326	-.31249	-.32999	-.34027	-.30824	-.31450	-.28016	-.28427	-.28086	-.27374
.250	4.008	-.33693	-.32188	-.34366	-.34958	-.31980	-.32387	-.28963	-.29157	-.29468	-.27675
.249	6.214	-.34814	-.33512	-.35929	-.36959	-.33956	-.34583	-.30040	-.30670	-.30770	-.29612
.249	8.120	-.36405	-.34666	-.38176	-.38770	-.35982	-.36392	-.31844	-.32256	-.32359	-.31197
.249	10.135	-.38076	-.36335	-.40287	-.41095	-.37217	-.37408	-.32638	-.32832	-.33375	-.32210
.248	12.159	-.40034	-.38942	-.42257	-.43505	-.38952	-.39581	-.34789	-.35421	-.35094	-.33920
.248	14.153	-.41994	-.40463	-.45317	-.45466	-.40253	-.41101	-.36965	-.36938	-.36835	-.34779
.247	16.205	-.44203	-.42882	-.46446	-.47920	-.41345	-.42420	-.38034	-.39111	-.39235	-.36717
	GRADIENT	-.00416	-.00417	-.00798	-.00784	-.00857	-.00856	-.00456	-.00422	-.00457	-.00414

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (KVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.398	-3.955	-.30880	-.29576	-.29267	-.29655	-.25986	-.26293	-.26861	-.26950	-.26710	-.24360
.398	-1.919	-.31732	-.30319	-.31101	-.31487	-.28039	-.28345	-.27716	-.27586	-.27785	-.25761
.399	.045	-.32238	-.30831	-.32479	-.32970	-.29645	-.29948	-.28346	-.28542	-.28852	-.26832
.400	2.049	-.33474	-.32180	-.34472	-.34742	-.31539	-.31732	-.29487	-.29574	-.29885	-.27763
.401	4.068	-.34245	-.33279	-.35672	-.35938	-.32857	-.33155	-.30273	-.30359	-.30781	-.28556
.401	6.054	-.36021	-.34301	-.37558	-.38038	-.34848	-.35038	-.31186	-.31271	-.32019	-.30331
.401	10.066	-.38919	-.37313	-.41312	-.41677	-.37644	-.37939	-.34102	-.34185	-.33863	-.32283
.401	14.041	-.42645	-.41038	-.45149	-.45723	-.40618	-.41233	-.37935	-.38338	-.37166	-.35257
.400	18.068	-.47854	-.46240	-.48970	-.49974	-.42360	-.44058	-.42582	-.42443	-.39434	-.38484
	GRADIENT	-.00423	-.00463	-.00809	-.00791	-.00862	-.00855	-.00430	-.00440	-.00512	-.00519

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (KVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.601	-1.984	-.33238	-.31694	-.32281	-.32282	-.29276	-.29461	-.29279	-.28793	-.28937	-.26911
.602	2.113	-.35250	-.33609	-.35789	-.35631	-.33154	-.33284	-.31359	-.30719	-.31435	-.29258
.603	6.096	-.37805	-.36165	-.39168	-.39108	-.36225	-.36302	-.33197	-.32814	-.33226	-.31252
.603	10.092	-.41466	-.39579	-.43441	-.43221	-.39844	-.39966	-.36727	-.36087	-.36046	-.34330
.602	14.084	-.46150	-.44201	-.48085	-.47858	-.43029	-.43256	-.40926	-.40332	-.39323	-.37284
.600	18.076	-.51412	-.49611	-.51809	-.52349	-.44820	-.45924	-.44877	-.44845	-.41516	-.40394
	GRADIENT	-.00491	-.00467	-.00856	-.00817	-.00947	-.00936	-.00508	-.00470	-.00610	-.00573

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (KVR019) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.701	-1.948	-.34431	-.32786	-.33301	-.33084	-.30029	-.30172	-.30239	-.29722	-.29692	-.27605
.703	2.092	-.36400	-.34598	-.36714	-.36411	-.33826	-.33802	-.32064	-.31466	-.31894	-.29976
.702	6.062	-.39140	-.37337	-.40278	-.40175	-.37181	-.37196	-.34144	-.33791	-.33938	-.32343
.701	10.088	-.43609	-.41637	-.45288	-.44808	-.41193	-.41123	-.38066	-.37545	-.37125	-.35149
.699	14.026	-.49039	-.46772	-.50479	-.50237	-.45212	-.45511	-.42655	-.42088	-.40684	-.38944
.696	18.000	-.55517	-.53528	-.55764	-.56095	-.48341	-.49263	-.47515	-.47606	-.43624	-.42532
	GRADIENT	-.00487	-.00449	-.00845	-.00824	-.00940	-.00899	-.00452	-.00432	-.00545	-.00587

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (KVR020) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.800	8.002	-.47358	-.45140	-.49825	-.49889	-.47514	-.48488	-.40636	-.40538	-.40279	-.38838
.800	12.022	-.54947	- 52835	-.57697	-.58825	-.55974	-.57359	-.48683	-.48719	-.47404	-.46470
.800	16.027	-.66649	-.60094	-.66139	-.65311	-.60143	-.62669	-.55288	-.56117	-.52458	-.51479
.799	18.019	-.69516	-.62540	-.70155	-.67759	-.62867	-.64178	-.57243	-.58315	-.53127	-.52390
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (KVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
.599	-4.003	-.33112	-.31226	-.30893	-.30471	-.27980	-.27954	-.30247	-.28226	-.29052	-.26226
.599	-1.912	-.33651	-.31872	-.32421	-.32068	-.29751	-.29826	-.30760	-.28779	-.29971	-.27210
.599	.098	-.34393	-.32647	-.34079	-.33647	-.31374	-.31572	-.31412	-.29508	-.30912	-.28106
.599	2.071	-.35449	-.33703	-.35660	-.35340	-.33100	-.33174	-.32378	-.30451	-.31955	-.29128
.600	4.096	-.36568	-.34840	-.37379	-.36994	-.34716	-.34634	-.33317	-.31508	-.33028	-.30189
.599	6.060	-.38210	-.36353	-.39426	-.39028	-.36609	-.36448	-.34623	-.32875	-.34310	-.31575
.600	8.066	-.39755	-.37873	-.41232	-.40859	-.38004	-.37988	-.35803	-.34197	-.35123	-.32713
.600	10.055	-.41562	-.39646	-.43141	-.42790	-.39540	-.39569	-.37438	-.35763	-.36299	-.33976
.599	12.082	-.43772	-.41839	-.45356	-.45127	-.41217	-.41403	-.39477	-.37841	-.37762	-.35646
.598	14.035	-.46178	-.44208	-.47809	-.47546	-.42933	-.43163	-.41772	-.40044	-.39738	-.37306
.599	16.091	-.48460	-.46645	-.49761	-.49778	-.44066	-.44451	-.43546	-.42149	-.41105	-.38918
	GRADIENT	-.00431	-.00448	-.00803	-.00808	-.00834	-.00828	-.00384	-.00408	-.00492	-.00488

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (MVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.202	-3.800	.12342	-.26188	-.25481	-.25947	-.23055	-.22437	-.21576	.00897	.01639	-.13910
.200	-1.769	.11931	-.26999	-.26508	-.27437	-.24718	-.26966	-.23437	.06598	.06752	-.08341
.200	.186	.11558	-.26042	-.25481	-.27232	-.24380	-.25108	-.23334	.11470	.12228	-.01107
.200	2.183	.11190	-.26073	-.25207	-.27265	-.24480	-.25361	-.23581	.17838	.17165	.05675
.201	4.203	.10783	-.26334	-.25397	-.27668	-.24975	-.25700	-.23858	.21040	.21126	.10988
.200	6.211	.10813	-.28188	-.26332	-.28317	-.25530	-.24698	-.24783	.23922	.23933	.16294
.200	8.188	.10780	-.29095	-.27465	-.29295	-.26364	-.26413	-.24487	.25839	.25927	.21098
.200	10.192	.11433	-.31928	-.29833	-.31140	-.28277	-.27494	-.25715	.26404	.26795	.23769
.200	12.199	.10878	-.34428	-.31789	-.32191	-.29248	-.27705	-.26075	.26885	.28187	.27959
.200	14.190	.11150	-.36142	-.33344	-.32762	-.30047	-.27520	-.26042	.27369	.29277	.31701
.200	16.206	.11339	-.39868	-.36744	-.34037	-.31694	-.27715	-.26841	.25511	.28715	.33807
.199	18.545	.11660	-.42460	-.40464	-.36004	-.33887	-.27315	-.26971	.22192	.27075	.35600
	GRADIENT	-.00193	.00031	.00073	-.00164	-.00181	-.00248	-.00236	.02581	.02474	.03197

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (MVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.250	-3.994	.04844	-.25667	-.25269	-.25073	-.22639	-.22831	-.20922	.01366	.01867	-.13587
.251	-1.991	.04767	-.24544	-.24007	-.25026	-.22393	-.22940	-.21187	.08037	.08396	-.06608
.251	-.002	.04780	-.24941	-.24332	-.25853	-.23214	-.23977	-.22078	.12574	.13366	.00121
.252	2.006	.04717	-.24439	-.23693	-.25772	-.23010	-.23980	-.22023	.18427	.17866	.06775
.252	4.003	.04770	-.25471	-.24510	-.26517	-.23899	-.24513	-.22771	.21552	.21632	.11758
.252	6.015	.04789	-.26894	-.25362	-.27154	-.24681	-.25294	-.23342	.24475	.24203	.16610
.252	8.011	.04951	-.28030	-.26285	-.28073	-.25324	-.25298	-.23493	.26263	.26346	.21108
.249	10.215	.10299	-.29842	-.27614	-.29012	-.25977	-.25371	-.23521	.27682	.28058	.25664
.248	12.197	.09944	-.32399	-.29858	-.30391	-.27413	-.25928	-.24214	.28362	.29178	.29251
.248	14.193	.09332	-.35675	-.32618	-.32133	-.29087	-.26658	-.24874	.27688	.29085	.31997
.248	16.215	.12333	-.38963	-.35739	-.33139	-.30596	-.26555	-.25569	.26040	.28899	.34302
.248	18.193	.09355	-.41419	-.38337	-.34360	-.31750	-.26188	-.25131	.24333	.27841	.36657
.248	18.546	.09286	-.41115	-.38397	-.34710	-.31881	-.26025	-.24896	.24073	.27437	.37203
	GRADIENT	-.00010	.00025	.00092	-.00182	-.00157	-.00220	-.00227	.02539	.02451	.03205

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.398	-3.921	.09254	-.26494	-.25946	-.26328	-.23578	-.23736	-.22134	.02133	.02423	-.13377
.399	-1.992	.08904	-.25844	-.25501	-.26494	-.23893	-.24297	-.22849	.08497	.08422	-.06900
.400	.004	.08506	-.25238	-.24743	-.26545	-.23918	-.24553	-.23073	.13471	.13903	.00324
.401	1.955	.08228	-.25460	-.24811	-.26955	-.24299	-.25046	-.23457	.18976	.18366	.06655
.402	4.038	.07868	-.26048	-.25205	-.27307	-.24655	-.25285	-.23853	.22726	.22544	.12393
.402	6.021	.07456	-.27267	-.26000	-.27710	-.25222	-.25542	-.24078	.25437	.25487	.17451
.402	8.027	.07702	-.29089	-.27432	-.28988	-.26387	-.26207	-.24629	.27198	.27326	.21754
.402	10.060	.07771	-.31261	-.29138	-.30271	-.27443	-.26611	-.25035	.28302	.28815	.25744
.403	12.046	.07004	-.33622	-.31033	-.31477	-.28540	-.26828	-.25371	.28938	.29833	.29603
.403	14.047	.06997	-.36661	-.33876	-.32907	-.30168	-.27236	-.26012	.28600	.30296	.32742
.404	16.044	.06871	-.40081	-.36759	-.34158	-.31504	-.27477	-.26448	.27491	.30019	.35353
.404	18.457	.06756	-.42475	-.40056	-.36010	-.33432	-.26965	-.26393	.24743	.28604	.37560
	GRADIENT	-.00173	.00063	.00108	-.00122	-.00129	-.00193	-.00203	.02598	.02524	.03275

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (MVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.600	-3.926	-.04180	-.27887	-.27590	-.27769	-.25139	-.25115	-.23851	.04195	.04287	-.12649
.600	-1.919	-.04183	-.26912	-.26755	-.27755	-.25187	-.25595	-.24261	.10744	.10749	-.05362
.600	.047	-.02173	-.26744	-.26406	-.28088	-.25455	-.26045	-.24712	.15295	.15941	.01920
.600	2.062	-.04339	-.26958	-.26346	-.28462	-.25851	-.26463	-.25153	.21335	.20342	.08302
.600	4.067	-.02457	-.27688	-.26890	-.29008	-.26395	-.26916	-.25491	.24771	.24395	.13761
.601	6.039	-.03523	-.28890	-.27774	-.29450	-.26897	-.27188	-.25726	.27462	.27249	.18829
.602	8.092	-.03356	-.30761	-.29025	-.30634	-.27854	-.27442	-.26184	.29324	.29293	.23482
.599	10.057	-.03304	-.33123	-.30934	-.31938	-.28979	-.28129	-.26475	.30519	.30740	.27586
.600	12.033	-.02579	-.35778	-.33258	-.33145	-.30413	-.28511	-.26971	.31101	.31948	.31208
.599	14.076	-.01852	-.38942	-.36105	-.34985	-.32017	-.28917	-.27464	.31024	.32439	.34572
.598	16.041	-.04037	-.42819	-.39291	-.36373	-.33509	-.29269	-.28064	.30192	.32395	.37483
.599	18.555	-.03640	-.46027	-.42784	-.38565	-.35585	-.28906	-.27847	.27897	.31157	.40255
	GRADIENT	.00164	.00017	.00090	-.00160	-.00159	-.00224	-.00209	.02591	.02494	.03329

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.698	-4.032	.02723	-.28427	-.28331	-.28372	-.25928	-.26005	-.24741	.06068	.06232	-.11514
.700	-1.862	-.01281	-.27468	-.27617	-.28465	-.26072	-.26471	-.25214	.13175	.13019	-.03400
.702	.106	-.01359	-.27189	-.27138	-.28621	-.26265	-.26860	-.25492	.17893	.18243	.04261
.702	2.124	.00724	-.27574	-.27300	-.29108	-.26687	-.27243	-.25912	.23893	.22598	.10335
.702	4.128	-.01371	-.28384	-.27647	-.29670	-.27196	-.27610	-.26244	.27131	.26624	.15862
.702	6.108	.00084	-.29726	-.28821	-.30249	-.27886	-.28000	-.26608	.29747	.29481	.20848
.701	8.109	-.00470	-.31792	-.30337	-.31485	-.28841	-.28472	-.27001	.31511	.31366	.25351
.701	10.053	-.00545	-.34262	-.32298	-.32964	-.30043	-.29011	-.27341	.32658	.32775	.29259
.700	12.059	.00385	-.37330	-.34943	-.34584	-.31650	-.29502	-.27866	.33466	.33947	.33140
.698	14.072	-.00970	-.40765	-.37900	-.36414	-.33319	-.29860	-.28285	.33487	.34716	.36593
.697	16.054	-.00664	-.44636	-.41135	-.37716	-.34768	-.30052	-.28732	.32741	.34807	.39495
.700	18.597	-.00415	-.48593	-.45357	-.39963	-.37253	-.29778	-.28809	.30759	.33963	.42622
	GRADIENT	-.00311	.00001	.00084	-.00159	-.00155	-.00196	-.00183	.02605	.02483	.03375

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (MVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.797	-4.033	.03576	-.28237	-.28835	-.28599	-.26450	-.26424	-.25306	.09711	.09862	-.08499
.800	-1.961	.03773	-.27436	-.28159	-.28525	-.26463	-.26601	-.25599	.16406	.16468	-.00572
.801	.024	.03749	-.27217	-.27760	-.28707	-.26681	-.26746	-.25836	.21311	.21540	.07465
.802	1.998	.03620	-.27731	-.28037	-.29112	-.27102	-.27076	-.26165	.27303	.25714	.12950
.799	4.038	.05047	-.29045	-.28927	-.29972	-.27987	-.27778	-.26642	.32884	.32700	.23579
.799	5.997	.05202	-.31173	-.30699	-.31325	-.29268	-.28727	-.27428	.34518	.34646	.28008
.799	8.010	.04222	-.34119	-.33250	-.33512	-.31177	-.30012	-.28712	.35731	.36005	.32118
.799	10.015	.04615	-.38095	-.36722	-.36565	-.33969	-.32333	-.30806	.36529	.37371	.35945
.798	11.997	.05414	-.42355	-.40561	-.39475	-.36820	-.34082	-.32646	.37004	.38139	.39602
.799	14.004	.03374	-.46793	-.44544	-.42200	-.39363	-.36490	-.34146	.36459	.38542	.42652
.799	15.993	.04293	-.51174	-.48181	-.43961	-.41109	-.38308	-.35095	.35245	.38331	.45344
.800	17.991	.04556	-.54204	-.51565	-.45414	-.42179	-.38868	-.35290	.35290	.38331	.45344
	GRADIENT	.00139	-.00094	-.00003	-.00166	-.00185	-.00158	-.00161	.02589	.02447	.03373

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (MVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.599	-3.401	-.21175	-.27401	-.27608	-.27858	-.25275	-.25411	-.23999	.07327	.05700	-.10020
.598	-1.403	-.16908	-.26783	-.26718	-.27883	-.25279	-.25827	-.24394	.14044	.11940	-.02647
.599	.646	-.12516	-.26700	-.26384	-.28235	-.25497	-.26295	-.24750	.17508	.17150	.04620
.599	2.654	-.08287	-.27188	-.26458	-.28741	-.25916	-.26827	-.25170	.22768	.21659	.10175
.599	4.671	-.04033	-.28327	-.27108	-.29426	-.26540	-.27226	-.25539	.25852	.25612	.15613
.600	6.702	.00224	-.29727	-.27984	-.30152	-.27078	-.27463	-.25740	.28343	.28334	.20587
	GRADIENT	.02124	-.00112	.00062	-.00198	-.00157	-.00229	-.00191	.02265	.02453	.03173

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (MVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.402	8.090	.07801	-.29335	-.27483	-.29080	-.26283	-.26179	-.24599	.26878	.27007	.21619
.402	10.029	.07122	-.30945	-.28704	-.30070	-.27084	-.26559	-.24712	.28222	.28697	.25815
.398	12.103	.07898	-.33708	-.31025	-.31361	-.28513	-.26685	-.25271	.28509	.29581	.29307
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.205	-1.736	.10781	-.28622	-.28379	-.28619	-.25937	-.25522	-.24701	.03938	.04970	-.10079
.203	.234	.10590	-.27619	-.27163	-.28036	-.25512	-.26139	-.24882	.10185	.11031	-.03046
.201	2.291	.10653	-.26686	-.27933	-.29679	-.26466	-.27532	-.25824	.13975	.15053	.03064
.199	4.149	.10717	-.28729	-.28256	-.29601	-.26974	-.27189	-.26536	.18496	.18726	.08447
.198	6.163	.10813	-.30671	-.29538	-.31323	-.27383	-.28692	-.26945	.22043	.22056	.13743
.199	8.167	.10866	-.32007	-.30444	-.30915	-.27866	-.27645	-.26125	.24559	.25227	.19352
.199	10.177	.10863	-.34332	-.32761	-.32145	-.29304	-.28209	-.27340	.26999	.26142	.23961
.200	12.191	.10791	-.36134	-.33712	-.33319	-.30506	-.28990	-.27913	.25680	.27209	.26780
.200	14.188	.10786	-.39191	-.36783	-.34894	-.31670	-.28877	-.28022	.25843	.27362	.30157
.200	16.186	.10768	-.42375	-.39531	-.35924	-.33557	-.29257	-.28830	.24660	.27685	.32631
	GRADIENT	-.00007	.00038	-.00020	-.00235	-.00206	-.00328	-.00327	.02407	.02299	.03130

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.249	-1.876	.11068	-.06044	-.06151	-.05942	-.04652	-.05004	-.05158	.03896	.04830	-.00271
.252	.057	.05129	-.06373	-.06337	-.06627	-.05215	-.05844	-.05713	.05603	.06029	.01644
.250	1.995	.05179	-.05671	-.05563	-.05999	-.04643	-.05064	-.05146	.07945	.08376	.04370
.250	4.120	.11117	-.06199	-.06018	-.06456	-.05166	-.06522	-.05528	.08770	.09348	.05971
.249	6.124	.11102	-.06776	-.06522	-.06889	-.05522	-.05802	-.05886	.09689	.10125	.07601
.250	8.170	.11119	-.07372	-.06902	-.06980	-.05765	-.06043	-.06055	.10436	.11157	.09149
.250	10.164	.11133	-.08414	-.08013	-.08164	-.06732	-.06724	-.06807	.10418	.11067	.09919
.250	12.193	.11155	-.09151	-.08747	-.08254	-.06896	-.06529	-.06684	.10872	.11880	.11450
.250	14.177	.11119	-.09731	-.08821	-.08398	-.06752	-.06599	-.06540	.11474	.12412	.13129
.251	15.988	.05039	-.10990	-.10082	-.08953	-.07462	-.06314	-.06682	.10830	.12044	.13824
	GRADIENT	.00039	.00010	.00057	-.00046	-.00049	-.00193	-.00028	.00848	.00796	.01074

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.396	-3.998	.07576	-.26526	-.26845	-.26405	-.23681	-.26635	-.22380	-.00140	.00922	-.15056
.397	-1.853	.07473	-.25952	-.26388	-.26775	-.23939	-.27359	-.23231	.07217	.07692	-.07659
.398	.077	.07433	-.25931	-.26013	-.26867	-.24164	-.27682	-.23577	.12453	.12928	-.01163
.398	2.150	.07357	-.26103	-.26067	-.27504	-.24575	-.28317	-.23990	.17317	.17327	.05385
.399	4.000	.07232	-.26506	-.26353	-.28025	-.25212	-.28603	-.24510	.20894	.21023	.10720
.399	6.023	.07741	-.27794	-.26941	-.28374	-.25572	-.28833	-.24639	.24910	.24574	.16527
.399	8.015	.07766	-.29368	-.28162	-.29131	-.26325	-.29124	-.24806	.26924	.27057	.21334
.399	10.050	.07656	-.31640	-.30196	-.30584	-.27658	-.29759	-.25438	.28322	.28573	.25418
.400	12.038	.08017	-.34093	-.32185	-.32224	-.29191	-.30352	-.25811	.28831	.29431	.28967
.400	14.016	.08562	-.36896	-.34634	-.33161	-.30242	-.30588	-.26279	.28852	.30152	.32254
.399	16.046	.08973	-.40559	-.37821	-.34710	-.32018	-.30963	-.27110	.27458	.29930	.35077
	GRADIENT	-.00040	-.00004	.00067	-.00198	-.00184	-.00245	-.00251	.02614	.02496	.03232

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.597	-3.912	-.03110	-.28202	-.27513	-.28054	-.25105	-.25282	-.23869	.02074	.03116	-.13975
.598	-1.986	-.03398	-.27196	-.26631	-.28057	-.25102	-.25613	-.24290	.08222	.08811	-.06908
.599	.064	-.03601	-.26944	-.26245	-.28258	-.25353	-.26081	-.24692	.13978	.14453	.00076
.599	2.044	-.03658	-.27284	-.26381	-.28785	-.25806	-.26552	-.25161	.18736	.18963	.06333
.600	4.048	-.03948	-.27728	-.26727	-.29155	-.26238	-.26814	-.25394	.22775	.22903	.12311
.600	6.067	-.04003	-.29091	-.27603	-.29809	-.26883	-.27223	-.25741	.26096	.26026	.17846
.600	8.052	-.03974	-.30967	-.28986	-.30778	-.27764	-.27720	-.26119	.28540	.28454	.22770
.599	10.064	-.03939	-.33289	-.30890	-.32103	-.28945	-.28162	-.26522	.30122	.30405	.27218
.599	12.054	-.03830	-.36047	-.33253	-.33579	-.30421	-.28380	-.26992	.30977	.31664	.31513
.599	14.069	-.03841	-.39147	-.36026	-.35115	-.31928	-.28835	-.27433	.31053	.32258	.34620
.598	16.036	-.03823	-.43027	-.39140	-.36579	-.33397	-.29332	-.27976	.30450	.32265	.37345
	GRADIENT	-.00097	.00042	.00091	-.00147	-.00149	-.00201	-.00196	.02602	.02492	.03298

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.699	-1.948	-.00568	-.07524	-.07513	-.07934	-.06763	-.07031	-.06683	.05287	.05537	.00022
.700	.086	-.00576	-.07479	-.07413	-.08013	-.06871	-.07138	-.06833	.07089	.07243	.02358
.701	2.068	-.00435	-.07613	-.07436	-.08158	-.06993	-.07273	-.06941	.08804	.08808	.04682
.701	4.043	-.00724	-.07857	-.07625	-.08347	-.07141	-.07379	-.07048	.10149	.10084	.06716
.702	6.053	-.00528	-.08326	-.07929	-.08580	-.07406	-.07506	-.07162	.11135	.11153	.08496
.702	8.087	-.00535	-.09000	-.08436	-.08950	-.07735	-.07671	-.07314	.11999	.12059	.10031
.701	10.054	-.00446	-.09808	-.09103	-.09413	-.08126	-.07829	-.07457	.12666	.12699	.11560
.700	12.048	-.00496	-.10857	-.10024	-.09978	-.08637	-.07941	-.07569	.13040	.13156	.12785
.699	14.091	-.00420	-.12037	-.11088	-.10588	-.09257	-.08049	-.07760	.13112	.13421	.13945
.698	16.021	.00308	-.13370	-.12206	-.11099	-.09820	-.08168	-.07961	.12684	.13545	.14939
	GRADIENT	-.00016	-.00057	-.00018	-.00069	-.00063	-.00059	-.00060	.00817	.00762	.01123

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.800	-1.928	.05483	-.27968	-.28452	-.29285	-.26746	-.27854	-.25808	.14799	.15016	-.01910
.800	.088	.05206	-.27786	-.28201	-.29174	-.26945	-.27985	-.25971	.19537	.20730	.04835
.800	1.962	.05047	-.28218	-.28354	-.29918	-.27482	-.28278	-.26335	.24145	.24889	.10986
.799	3.918	.04433	-.29479	-.29336	-.30413	-.28361	-.28913	-.26938	.27811	.27932	.16471
.800	5.929	.04650	-.31863	-.31336	-.32310	-.29844	-.30083	-.27937	.31243	.31053	.22002
.800	7.964	.04279	-.35103	-.34120	-.34612	-.32039	-.31827	-.29644	.33848	.33730	.27099
.800	9.998	.04286	-.39130	-.37588	-.37320	-.34643	-.33736	-.31483	.35513	.35813	.31683
.800	11.984	.04583	-.43283	-.41250	-.40082	-.37160	-.35246	-.32992	.36638	.37217	.35657
.800	13.984	.05037	-.47336	-.44949	-.42639	-.39506	-.36236	-.34121	.36861	.38309	.39217
.800	16.014	.05429	-.51918	-.48726	-.44193	-.41337	-.37300	-.35114	.36706	.38851	.42542
	GRADIENT	-.00170	-.00255	-.00144	-.00212	-.00277	-.00178	-.00193	.02248	.02212	.03158

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.850	-1.986	.06616	-.25736	-.26609	-.26868	-.24758	-.25338	-.23526	.17189	.17523	.00431
.850	-.060	.11948	-.25848	-.26655	-.27335	-.25323	-.26000	-.24351	.21583	.22731	.06461
.850	1.941	.03653	-.27138	-.27749	-.28755	-.26808	-.27323	-.25577	.26179	.27102	.13136
.850	3.959	.04526	-.29797	-.30243	-.31250	-.29143	-.29722	-.27816	.30234	.30285	.18696
.850	5.921	.04847	-.33889	-.34362	-.34856	-.32910	-.33326	-.31388	.33287	.33437	.24014
.850	7.977	.10302	-.40060	-.41884	-.40120	-.39015	-.38363	-.36750	.35930	.35985	.29059
.850	9.994	.10677	-.46891	-.50161	-.45688	-.46233	-.42474	-.41799	.37710	.38090	.33625
.850	12.000	.05483	-.51725	-.55024	-.50164	-.50935	-.45715	-.45138	.38743	.39545	.37669
.850	13.998	.09916	-.54901	-.57710	-.53438	-.54047	-.48506	-.47929	.39434	.40657	.41406
.850	16.000	.04033	-.56785	-.59561	-.55256	-.55962	-.50838	-.50164	.39329	.41265	.44770
.850	18.007	.04174	-.60713	-.62705	-.56531	-.57139	-.52505	-.51864	.38423	.41231	.47582
	GRADIENT	-.00743	-.00682	-.00608	-.00737	-.00740	-.00732	-.00712	.02204	.02148	.03099

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.902	-3.966	.12589	-.13684	-.11859	-.14857	-.11953	-.15961	-.13674	.14925	.15564	-.02963
.903	-2.086	.11509	-.17422	-.15665	-.19766	-.16435	-.22008	-.18417	.20377	.20658	.03629
.902	-.097	.10329	-.24440	-.23416	-.25580	-.22559	-.27018	-.23170	.25266	.25359	.10084
.898	1.907	.12601	-.25365	-.24465	-.23576	-.21870	-.21586	-.19407	.29355	.29239	.16108
.900	3.946	.12018	-.51361	-.47250	-.36074	-.33251	-.31531	-.28876	.33131	.33038	.22034
.900	5.975	.08075	-.68255	-.65459	-.47634	-.43300	-.38622	-.35927	.36220	.36470	.27052
.899	7.994	.10163	-.80860	-.78706	-.51797	-.47437	-.43160	-.41222	.38659	.38890	.31904
.896	10.011	.09172	-.88593	-.87816	-.54437	-.51920	-.50670	-.49290	.40247	.40419	.36256
.901	12.003	.04963	-.93450	-.94203	-.77326	-.68627	-.60640	-.58767	.41758	.42252	.40543
.898	14.024	.07039	-.98479	.00000	-.93097	-.81345	-.67352	-.64876	.42143	.43274	.44131
.895	15.974	.06310	.00000	.00000	-.86078	-.81209	-.73369	-.70273	.41910	.43683	.47206
.896	18.011	.05068	.00000	.00000	-.90687	.00000	-.77432	-.77024	.41347	.43703	.50342
	GRADIENT	.00000	-.04224	-.04033	-.02336	-.02427	-.01547	-.01583	.02288	.02194	.03151

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.949	-1.976	.07630	-.53815	-.52969	-.51647	-.48556	-.46561	-.44895	.24811	.24826	.07983
.950	-.019	.02780	-.57421	-.56106	-.55044	-.51078	-.49657	-.47408	.29340	.29994	.14181
.950	1.978	.08004	-.59237	-.59104	-.59057	-.54668	-.52471	-.49536	.33256	.33853	.20155
.951	3.955	.03080	-.61564	-.61948	-.63839	-.59702	-.54786	-.51356	.37144	.36907	.25902
.950	6.019	.07584	-.68702	-.67836	-.68376	-.65564	-.57143	-.53449	.40196	.40597	.30852
.949	7.955	.07353	-.75852	-.76304	-.74313	-.72053	-.60616	-.56611	.42354	.42236	.35396
.949	9.976	.07278	-.81113	-.81566	-.86018	-.82140	-.64610	-.60662	.44265	.44206	.39849
.950	12.045	.06039	-.84852	-.86071	-.94307	-.92796	-.68062	-.64579	.45278	.46432	.43954
.950	13.979	.05329	-.88804	-.90078	-.98986	-.97878	-.73417	-.70394	.45881	.47181	.47446
.949	16.000	.02293	-.92950	-.94538	-.83864	-1.02235	-.70639	-.77265	.46044	.47635	.50936
.949	17.985	.04456	-.96182	-.97853	-.82401	-1.05849	-.73388	-.82594	.45184	.47701	.53726
	GRADIENT	-.00423	-.01266	-.01512	-.02051	-.01872	-.01389	-.01087	.02067	.02026	.03018

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.978	-1.925	-.00323	-.55153	-.54494	-.52060	-.49107	-.45791	-.44450	.27794	.27643	.10998
.981	-.047	.02611	-.56746	-.56057	-.55308	-.52216	-.48255	-.46605	.31909	.32490	.16746
.980	1.955	.02747	-.57681	-.57523	-.60171	-.56096	-.51993	-.49334	.35898	.36398	.22702
.981	3.974	.02677	-.59455	-.59659	-.63872	-.60505	-.55515	-.52246	.39212	.39152	.27895
.979	6.033	.02427	-.65767	-.65151	-.66714	-.64657	-.58727	-.55000	.42288	.42680	.32938
.980	8.012	.01845	-.71854	-.72436	-.71565	-.69763	-.62522	-.58436	.44675	.44535	.37667
.979	9.979	-.01260	-.76342	-.76891	-.81441	-.78205	-.65964	-.61987	.46363	.46392	.42074
.980	12.042	.00313	-.79591	-.80668	-.88167	-.87063	-.68371	-.65909	.47479	.47986	.46026
.979	13.949	-.02737	-.83038	-.84392	-.77271	-.91921	-.65039	-.69596	.48085	.49070	.49469
.975	16.022	-.04187	-.87796	-.89348	-.76927	-.96885	-.67830	-.75847	.47917	.49273	.52636
.980	18.030	-.01021	-.89895	-.91457	-.86867	-.99178	-.74388	-.82890	.47462	.49980	.55771
	GRADIENT	.00458	-.00702	-.00862	-.02047	-.01935	-.01673	-.01327	.01940	.01947	.02871

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.051	-1.965	-.02874	-.50492	-.49572	-.47708	-.45162	-.40519	-.39283	.34512	.34741	.18309
1.048	.092	-.04657	-.51288	-.50986	-.52408	-.49558	-.44605	-.42981	.38604	.39251	.23811
1.050	1.953	-.00823	-.51350	-.51492	-.55488	-.52848	-.48581	-.46633	.42054	.42465	.29115
1.049	3.969	-.02458	-.53326	-.53436	-.57322	-.55151	-.53278	-.49994	.45552	.45432	.34346
1.051	6.022	-.02959	-.58363	-.58200	-.59480	-.57758	-.57278	-.53619	.48483	.48307	.39379
1.050	8.021	-.04148	-.62572	-.63321	-.64961	-.62735	-.60746	-.57410	.50290	.50292	.43667
1.050	9.992	-.03040	-.65658	-.66521	-.72394	-.70730	-.63625	-.60527	.51988	.52169	.47707
1.049	12.003	-.05588	-.68719	-.69667	-.77922	-.76432	-.67421	-.63934	.53276	.53577	.51538
1.049	14.001	-.05704	-.71370	-.72493	-.80868	-.79970	-.74484	-.69162	.53946	.54721	.55142
1.049	16.023	-.05926	-.74609	-.75906	-.83667	-.83005	-.85484	-.79450	.54062	.55431	.58371
1.047	18.007	-.05240	-.77387	-.78416	-.86368	-.86091	-.93083	-.90097	.53160	.55331	.60858
	GRADIENT	.00248	-.00437	-.00617	-.01625	-.01692	-.02148	-.01819	.01860	.01796	.02716

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.102	-4.231	.02364	-.41316	-.40307	-.35739	-.33991	-.28697	-.28841	.33899	.34624	.16807
1.097	-3.821	-.03837	-.42290	-.41248	-.37173	-.35361	-.30838	-.30164	.35097	.35684	.18054
1.100	-1.932	.05600	-.43073	-.42089	-.40389	-.38241	-.33218	-.32573	.39328	.39889	.23698
1.101	.131	.05050	-.43379	-.42816	-.44362	-.41902	-.37355	-.36203	.43436	.43746	.29043
1.099	2.006	-.02897	-.44017	-.44073	-.47731	-.45275	-.41889	-.40259	.46564	.46848	.34252
1.098	4.060	-.02636	-.46159	-.46156	-.49969	-.47815	-.46623	-.44114	.49830	.49834	.38898
1.098	6.010	-.01931	-.50993	-.50900	-.52345	-.50586	-.50438	-.47815	.52175	.52463	.43360
1.099	8.012	-.03436	-.54898	-.55617	-.56922	-.54942	-.53864	-.51559	.54425	.54572	.47696
1.098	9.988	-.03625	-.58096	-.59011	-.63941	-.62454	-.57257	-.55483	.55858	.56289	.51714
1.098	12.021	-.02056	-.61051	-.62102	-.69461	-.68126	-.62046	-.60274	.56727	.57583	.55130
1.098	14.008	.00772	-.63696	-.64799	-.72711	-.71829	-.70186	-.68841	.57078	.59834	.58333
1.097	15.982	-.03715	-.66610	-.67881	-.75447	-.74845	-.80373	-.78348	.57508	.59410	.61593
1.098	18.027	-.04283	-.68982	-.69967	-.77673	-.77353	-.84827	-.83312	.56891	.59696	.64421
	GRADIENT	-.00362	-.00479	-.00625	-.01735	-.01669	-.02074	-.01808	.0192[illegible]	.01845	.02686

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-4.230	.03930	-.38294	-.37609	-.33528	-.32694	-.27238	-.27241	.36196	.37022	.19023
1.150	-2.009	.05902	-.39226	-.38595	-.38170	-.36423	-.31525	-.31114	.40669	.41359	.25038
1.150	.011	.05415	-.39130	-.39384	-.40787	-.39093	-.35213	-.34636	.44778	.45111	.30159
1.151	2.027	.05535	-.40286	-.40676	-.43628	-.41715	-.39912	-.38755	.47783	.48173	.35337
1.151	4.114	.05286	-.42512	-.42762	-.45634	-.43914	-.43715	-.42226	.50867	.51093	.40025
1.149	5.708	.03843	-.45744	-.46737	-.47511	-.46481	-.47334	-.45567	.53109	.53642	.44364
1.149	8.003	.03478	-.48820	-.49809	-.51722	-.50110	-.49523	-.47951	.55161	.55584	.48360
1.150	10.080	.05528	-.51635	-.52426	-.58186	-.57128	-.52226	-.50793	.56889	.57313	.52420
1.149	12.084	.04742	-.53363	-.54762	-.62225	-.61332	-.55589	-.54514	.57930	.58909	.56060
1.151	14.054	.05874	-.55962	-.56844	-.65057	-.64163	-.62743	-.61614	.58732	.60211	.59469
1.150	16.024	.03071	-.58354	-.59385	-.67168	-.66414	-.72046	-.70174	.59211	.61241	.62824
1.151	18.060	.05331	-.59933	-.61434	-.68483	-.68226	-.75942	-.74677	.59371	.62096	.66202
	GRADIENT	.00116	-.00458	-.00597	-.01435	-.01340	-.01994	-.01814	.01761	.01688	.02525

0A232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.200	-4.090	.04524	-.36255	-.34417	-.33017	-.31027	-.26187	-.25807	.37544	.37834	.19977
1.197	-1.857	.05683	-.36879	-.35117	-.36108	-.33952	-.30146	-.29959	.41511	.41976	.25923
1.201	.004	.04500	-.36703	-.35675	-.38060	-.35883	-.33607	-.33182	.45215	.45122	.30382
1.198	2.104	.05922	-.38231	-.37493	-.40490	-.38382	-.37570	-.36868	.48032	.48139	.35564
1.203	4.006	.04687	-.40419	-.39440	-.41981	-.40013	-.40507	-.39424	.51011	.50650	.39792
1.202	6.042	.04720	-.43206	-.42784	-.44796	-.42739	-.43608	-.42168	.53480	.53518	.44280
1.201	8.046	.04632	-.45653	-.45248	-.49620	-.46971	-.46072	-.44734	.55451	.55589	.48552
1.199	10.042	.06992	-.47238	-.47512	-.53774	-.52422	-.48427	-.47208	.57080	.57355	.52429
1.203	12.036	.06196	-.48962	-.49031	-.56893	-.55391	-.52652	-.50900	.58450	.59166	.56384
1.201	14.011	.05374	-.50473	-.51040	-.58914	-.57880	-.60033	-.58486	.59248	.60713	.59811
1.200	16.020	.04726	-.52704	-.53472	-.60860	-.60259	-.66406	-.65045	.60039	.61894	.63347
1.200	18.002	.04626	-.54448	-.55821	-.62442	-.62148	-.69048	-.68305	.60072	.62802	.66555
	GRADIENT	.00033	-.00478	-.00614	-.01109	-.01113	-.01790	-.01696	.01660	.01580	.02447

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.299	-1.931	.01934	-.31738	-.30282	-.31705	-.29042	-.29183	-.26701	.43096	.45003	.27800
1.299	-.060	.01592	-.31580	-.31222	-.32790	-.30880	-.31829	-.29493	.46752	.48111	.32591
1.299	1.936	.01753	-.33378	-.32525	-.34302	-.32559	-.33598	-.31951	.49704	.50924	.36900
1.300	4.028	.01133	-.35811	-.35130	-.36501	-.34906	-.35827	-.34096	.52402	.53680	.41415
1.299	5.939	.01910	-.37480	-.37317	-.39813	-.37904	-.38246	-.36548	.54419	.55955	.45221
1.300	7.974	.01730	-.39203	-.38691	-.44055	-.41737	-.40316	-.38471	.56856	.58310	.49610
1.299	9.940	.01724	-.40424	-.39910	-.47475	-.45359	-.44024	-.41513	.58255	.60144	.53381
1.300	12.007	.01774	-.41711	-.41370	-.49323	-.47442	-.49514	-.46144	.59770	.62117	.57275
1.300	13.936	.01556	-.42822	-.42624	-.50436	-.49016	-.54781	-.52220	.60998	.64271	.60987
1.299	15.981	.00760	-.44333	-.44449	-.51491	-.50329	-.58149	-.56019	.62031	.65480	.64967
1.301	17.985	.00472	-.45711	-.46981	-.53277	-.52404	-.59966	-.58182	.62340	.66311	.68284
	GRADIENT	-.00113	-.00712	-.00801	-.00803	-.00970	-.01090	-.01237	.01550	.01449	.02270

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.400	-3.954	-.11036	-.27247	-.27384	-.26097	-.24862	-.22050	-.21365	.39827	.41343	.23652
1.400	-1.985	-.10562	-.26713	-.26935	-.26767	-.25792	-.25075	-.23622	.42914	.44542	.28258
1.399	-.031	-.08954	-.28041	-.27661	-.27780	-.27347	-.26856	-.26258	.45977	.47555	.31732
1.400	1.958	-.08402	-.29691	-.29139	-.29573	-.28941	-.29280	-.28397	.49050	.50970	.36385
1.399	3.976	-.07027	-.31445	-.31433	-.32242	-.31237	-.31348	-.29721	.51954	.53675	.40746
1.400	5.945	-.05978	-.32593	-.32809	-.35622	-.33930	-.33612	-.31613	.54788	.56627	.45299
1.401	8.006	-.04759	-.33148	-.33763	-.38638	-.37518	-.36226	-.33970	.57003	.59215	.49774
1.399	9.965	-.02642	-.33563	-.34950	-.40946	-.40197	-.39476	-.37563	.58637	.60909	.53611
1.401	11.966	-.01489	-.34276	-.35721	-.42122	-.41773	-.43917	-.42919	.59759	.62692	.57167
1.401	14.006	-.00833	-.35021	-.36607	-.43382	-.42862	-.48041	-.46643	.61249	.64441	.60923
1.400	15.969	.00264	-.36643	-.38311	-.43793	-.43674	-.50564	-.48968	.62449	.65810	.64672
1.399	18.004	.01303	-.38419	-.40225	-.45016	-.45183	-.51549	-.50327	.62969	.67098	.68335
	GRADIENT	.00514	-.00575	-.00522	-.00764	-.00804	-.01151	-.01084	.01535	.01570	.02137

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.548	-3.916	-.13817	-.25530	-.23509	-.21510	-.19702	-.17394	-.16446	.41451	.41631	.25655
1.549	-1.929	-.13804	-.23794	-.22137	-.23124	-.21569	-.19850	-.18957	.45012	.45205	.30174
1.550	.009	-.13527	-.24835	-.23480	-.24542	-.23241	-.22512	-.21506	.47572	.47598	.34783
1.551	2.017	-.13365	-.25866	-.24360	-.26045	-.24058	-.23750	-.22122	.50101	.49969	.38242
1.552	4.012	-.13305	-.27081	-.26340	-.28638	-.26822	-.26069	-.25036	.53136	.52764	.42235
1.551	6.030	-.13215	-.27800	-.27489	-.31413	-.30294	-.28199	-.27432	.55922	.55615	.47146
1.550	8.072	-.12939	-.28145	-.28212	-.33046	-.32371	-.30157	-.29783	.58056	.58098	.50947
1.549	10.056	-.12289	-.28264	-.28827	-.34316	-.33610	-.33980	-.33104	.60376	.60536	.54926
1.548	12.088	-.12164	-.28910	-.29081	-.35787	-.34711	-.37729	-.36551	.62427	.62841	.59185
1.547	14.077	-.12430	-.29763	-.29304	-.36350	-.35560	-.39972	-.39029	.63898	.64863	.62759
1.548	16.089	-.12482	-.29766	-.30502	-.36087	-.35635	-.41310	-.40560	.64839	.66564	.66712
	GRADIENT	.00074	-.00262	-.00399	-.00868	-.00845	-.01073	-.01027	.01437	.01365	.02081

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (MVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.899	-3.948	.09855	-.12574	-.12188	-.13044	-.10944	-.13138	-.11505	.14645	.15580	-.02916
.901	-2.075	.06819	-.13618	-.12901	-.13652	-.11682	-.13910	-.12222	.20052	.20844	.03705
.902	-.043	.06692	-.18871	-.18012	-.18846	-.16883	-.18281	-.16212	.25159	.25603	.10352
.899	1.912	.09827	-.24123	-.23179	-.22742	-.21513	-.21307	-.19334	.29479	.29638	.16230
.901	4.013	.07074	-.41541	-.38353	-.32206	-.30447	-.29287	-.27554	.33524	.33501	.22299
.901	5.955	.07160	-.59732	-.54069	-.40606	-.38191	-.36448	-.34765	.36572	.36530	.27490
.900	7.975	.07211	-.77895	-.69749	-.47342	-.45277	-.44123	-.43149	.39016	.39078	.32441
.899	9.994	.10249	-.87549	-.84839	-.54502	-.53055	-.51336	-.51339	.40791	.41039	.36848
.898	12.001	.10169	-.93214	-.93805	-.61293	-.59266	-.59025	-.57175	.41812	.42434	.40738
.896	13.988	.10029	-.98333	-.99797	-.68328	-.66362	-.63423	-.62300	.42424	.43524	.44333
.896	16.034	.10189	-1.03497	-1.05227	-.74075	-.71743	-.70933	-.67650	.42258	.44225	.47660
	GRADIENT	-.00127	-.03462	-.03166	-.02394	-.02465	-.02004	-.01980	.02367	.02239	.03160

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.198	-3.971	.04792	-.35882	-.34506	-.32503	-.31068	-.26193	-.25928	.37489	.38356	.20945
1.201	-1.989	.04010	-.36081	-.34753	-.34936	-.33425	-.29749	-.29256	.41494	.42172	.26158
1.199	.078	.04963	-.36517	-.35842	-.37706	-.35986	-.33196	-.32974	.45132	.45563	.31112
1.202	2.000	.04339	-.37258	-.36952	-.39447	-.37750	-.36692	-.35892	.48232	.48400	.35642
1.199	4.043	.05307	-.39987	-.39547	-.41927	-.40278	-.40453	-.39389	.51089	.51063	.40195
1.201	6.037	.04176	-.42810	-.42889	-.44404	-.42810	-.43283	-.41993	.53716	.53621	.44761
1.201	7.984	.04268	-.44812	-.44936	-.48132	-.46026	-.45242	-.43884	.55747	.55688	.48859
1.199	10.068	.05387	-.46617	-.47440	-.53120	-.52009	-.48080	-.46693	.57417	.57606	.53015
1.203	12.004	.04966	-.48288	-.49139	-.56478	-.55456	-.52336	-.50372	.58823	.59331	.56842
1.203	13.983	.04857	-.49927	-.50931	-.58358	-.57725	-.59347	-.57639	.59680	.60912	.60294
1.195	16.063	.05945	-.52756	-.53787	-.60787	-.60419	-.65468	-.64224	.60164	.62195	.63697
	GRADIENT	.00069	-.00469	-.00614	-.01168	-.01137	-.01772	-.01677	.01696	.01581	.02397

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (MVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.548	-3.832	-.13333	-.25228	-.23163	-.21377	-.19762	-.17271	-.16557	.42263	.42515	.26371
1.551	-1.943	-.13471	-.23773	-.22269	-.22875	-.21326	-.19373	-.18497	.45503	.45708	.30575
1.549	.059	-.13346	-.24135	-.23333	-.24072	-.23063	-.21975	-.21183	.48432	.48474	.35473
1.550	2.067	-.13393	-.25857	-.24342	-.25904	-.23907	-.23671	-.21975	.50923	.50917	.39046
1.550	4.112	-.13446	-.26936	-.26059	-.28406	-.26578	-.26062	-.24750	.53904	.53819	.43202
1.550	6.042	-.13399	-.27343	-.27349	-.31104	-.29969	-.27860	-.26862	.56554	.56469	.47779
1.549	8.081	-.13283	-.27687	-.27987	-.32620	-.31925	-.29730	-.29406	.58862	.58828	.51864
1.547	10.091	-.12934	-.28179	-.28986	-.34002	-.33323	-.33276	-.32332	.61171	.61220	.55861
1.548	12.081	-.12857	-.28534	-.29339	-.35399	-.34525	-.36707	-.35407	.63045	.63210	.59861
1.545	14.063	-.12931	-.28437	-.29306	-.35962	-.35352	-.39052	-.38004	.64469	.65341	.63439
1.552	16.095	-.12875	-.29171	-.30167	-.35739	-.35358	-.40610	-.39777	.65374	.66753	.67277
	GRADIENT	-.00007	-.00281	-.00399	-.00860	-.00815	-.01099	-.00998	.01442	.01397	.02116

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.201	-1.814	1.95195	-.29092	-.27351	-.31220	-.25463	-.29295	-.25251	.00742	.09054	-.11623
.203	.154	2.06877	-.27526	-.26656	-.28357	-.26060	-.25431	-.25643	.05221	.14611	-.05001
.203	2.179	2.05506	-.26945	-.27117	-.27150	-.25896	-.24434	-.25896	.11204	.20593	.01617
.202	4.153	2.01703	-.27399	-.28623	-.28027	-.27603	-.25707	-.27183	.14243	.24770	.06467
.203	6.085	1.98186	-.27573	-.30251	-.27988	-.28820	-.25474	-.28193	.17361	.28034	.11100
.201	7.845	1.77524	-.28891	-.32063	-.28888	-.30384	-.26311	-.29099	.19521	.30247	.15677
.201	9.843	1.70506	-.31546	-.33843	-.29840	-.31114	-.25792	-.29199	.21007	.31449	.19957
.201	11.747	1.82228	-.31559	-.35354	-.30275	-.32405	-.25360	-.29631	.22003	.33117	.23513
.202	13.750	1.81071	-.35447	-.38774	-.31433	-.33540	-.26151	-.30163	.20894	.32728	.26609
.201	15.741	1.83597	-.38849	-.42858	-.33927	-.36489	-.27292	-.31144	.19738	.31514	.28950
.200	17.724	1.86563	-.41605	-.46501	-.34490	-.38579	-.27374	-.32332	.17643	.30584	.30372
	GRADIENT	.00907	.00284	-.00215	.00541	-.00313	.00590	-.00303	.02334	.02667	.03056

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.250	-1.985	2.03946	-.05787	-.05250	-.05685	-.04045	-.04609	-.04834	.03384	.06527	-.00117
.250	.185	2.06044	-.06094	-.05914	-.06208	-.04991	-.05413	-.05568	.04341	.07717	.01254
.250	2.161	2.05204	-.05944	-.06051	-.05986	-.05055	-.05191	-.05345	.06294	.09673	.03422
.250	4.125	2.04723	-.05889	-.06283	-.06075	-.05504	-.04779	-.06010	.07341	.10932	.05118
.250	6.096	1.95942	-.06217	-.07110	-.07189	-.05760	-.04679	-.06551	.07700	.11857	.06413
.251	7.930	1.99093	-.06476	-.07506	-.06232	-.06306	-.05230	-.06737	.08869	.13006	.07946
.253	10.021	2.07510	-.05985	-.07559	-.05814	-.06238	-.04337	-.06171	.09471	.14385	.09895
.250	11.940	1.89671	-.07816	-.09059	-.06995	-.07428	-.05704	-.07217	.09221	.13942	.10368
.251	13.902	1.92066	-.08480	-.09998	-.07305	-.07735	-.05379	-.07241	.09196	.14109	.11405
.250	15.709	1.82131	-.09359	-.11101	-.07526	-.08318	-.05298	-.07390	.09181	.14135	.12557
	GRADIENT	.00081	-.00009	-.00161	-.00048	-.00220	-.00018	-.00164	.00679	.00746	.00878

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.401	-1.955	2.15572	-.26735	-.25310	-.27543	-.24064	-.27652	-.23601	.02464	.11387	-.09591
.401	.036	2.07651	-.26241	-.25742	-.27049	-.24611	-.27507	-.24031	.07861	.17494	-.03159
.401	2.050	2.08129	-.25341	-.26231	-.26959	-.25566	-.27878	-.25219	.11939	.21905	.02332
.401	4.012	2.07505	-.25437	-.27134	-.26821	-.26355	-.27508	-.25777	.15833	.26480	.07978
.402	6.031	2.08018	-.25691	-.27851	-.26497	-.27419	-.27069	-.26147	.18955	.30305	.13297
.402	7.898	1.95829	-.27358	-.30659	-.27239	-.29080	-.27463	-.27582	.20932	.32243	.17256
.403	9.941	2.01127	-.29380	-.32664	-.28229	-.30405	-.27648	-.28110	.22254	.34549	.21351
.403	11.847	1.83347	-.31519	-.34460	-.29562	-.31281	-.27831	-.28294	.23975	.35138	.25485
.402	13.841	1.88477	-.33960	-.37821	-.30621	-.33147	-.28314	-.29007	.23771	.35520	.28505
.402	15.870	1.88985	-.36691	-.41025	-.31491	-.34720	-.27905	-.29525	.22883	.35023	.31215
	GRADIENT	-.01192	.00241	-.00299	.00113	-.00393	.00003	-.00388	.02219	.02495	.02922

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.700	-1.942	1.99182	-.07917	-.07313	-.08118	-.06717	-.07149	-.06706	.03985	.06948	-.00602
.700	.041	1.99897	-.07549	-.07428	-.08012	-.06970	-.07113	-.06987	.05660	.08772	.01698
.700	2.017	1.97667	-.07444	-.07584	-.07963	-.07264	-.07090	-.07281	.07037	.10358	.03735
.701	3.980	1.98801	-.07439	-.07992	-.07875	-.07617	-.07044	-.07552	.08202	.11769	.05508
.701	6.002	2.03808	-.07595	-.08503	-.07961	-.08061	-.06994	-.07844	.09049	.12984	.06976
.701	7.987	2.00879	-.08029	-.09277	-.08023	-.08617	-.06962	-.08195	.09874	.14091	.08602
.701	9.983	2.09878	-.08795	-.10247	-.08293	-.09189	-.06984	-.08369	.10470	.15020	.09966
.701	11.940	1.94343	-.09737	-.11186	-.08819	-.09771	-.07180	-.08690	.10930	.15250	.11223
.700	13.869	1.94561	-.10736	-.12335	-.09428	-.10423	-.07263	-.08886	.10931	.15436	.12312
.698	15.856	1.97539	-.11767	-.13615	-.09777	-.11037	-.07192	-.09012	.10660	.15516	.13363
.697	17.909	1.98493	-.12701	-.14716	-.10247	-.11746	-.07255	-.09024	.10136	.15287	.14180
	GRADIENT	-.00171	.00078	-.00111	.00039	-.00152	.00017	-.00143	.00711	.00813	.01032

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.800	-3.993	2.19080	-.30808	-.27642	-.30456	-.25864	-.28294	-.25134	.04345	.13493	-.10888
.800	-1.945	2.05774	-.29137	-.27744	-.29863	-.26627	-.28327	-.26001	.10288	.19440	-.03827
.800	-.103	2.07723	-.28066	-.27959	-.29384	-.27398	-.27951	-.26738	.14669	.24382	.01981
.800	2.034	2.05185	-.27755	-.29106	-.29176	-.28547	-.27397	-.27574	.19207	.30059	.08551
.800	3.997	2.07416	-.28165	-.30761	-.29202	-.29962	-.27288	-.28713	.22445	.33320	.13228
.799	5.983	2.14500	-.29302	-.33356	-.29750	-.32142	-.27556	-.30336	.24962	.36924	.18101
.800	7.938	2.04475	-.31969	-.36950	-.31445	-.35152	-.28734	-.32517	.27464	.39934	.22765
.800	10.015	2.10130	-.36020	-.41624	-.33795	-.38580	-.30803	-.34867	.28801	.42565	.26981
.800	11.935	1.89652	-.39711	-.45138	-.36548	-.41160	-.32860	-.36405	.30578	.43340	.31155
.800	13.922	1.91091	-.43577	-.49482	-.38957	-.43844	-.34473	-.38051	.30841	.44014	.34786
.800	15.918	1.91535	-.46906	-.53301	-.40404	-.45749	-.35253	-.38732	.30602	.44453	.37993
.800	17.964	1.95964	-.49550	-.56804	-.41384	-.47733	-.35786	-.38880	.29126	.44287	.40401
	GRADIENT	-.01203	.00333	-.00382	.00160	-.00507	.00147	-.00438	.02260	.02518	.03036

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.850	-1.921	2.02585	-.26667	-.25660	-.27215	-.24554	-.25459	-.23809	.12939	.22121	-.01482
.850	.083	2.04031	-.26087	-.26600	-.27182	-.25951	-.25431	-.25208	.17687	.27166	.04867
.849	1.911	2.02590	-.26814	-.28397	-.27913	-.27715	-.26060	-.26743	.21065	.31998	.10351
.850	3.916	2.09145	-.28343	-.31048	-.29244	-.30209	-.27590	-.29079	.25110	.35497	.15433
.850	6.055	2.08356	-.31461	-.35434	-.32008	-.34305	-.30445	-.32782	.27388	.39107	.20533
.850	7.947	2.05999	-.36804	-.46128	-.36606	-.42942	-.35303	-.38963	.29480	.42120	.24808
.850	10.052	2.07240	-.43708	-.55499	-.41921	-.54164	-.39902	-.47392	.31111	.44810	.29253
.850	11.914	1.82452	-.48934	-.58947	-.46504	-.57650	-.43390	-.50830	.32692	.45551	.33298
.850	13.904	1.94492	-.52870	-.61032	-.49847	-.59831	-.45976	-.53344	.33376	.46667	.36969
.850	15.960	1.96682	-.54951	-.62580	-.52094	-.59795	-.48424	-.54064	.33003	.46986	.40155
.850	17.893	1.89778	-.55546	-.67930	-.52471	-.59990	-.50069	-.53918	.31925	.46808	.42644
.850	18.929	1.89398	-.57673	-.72239	-.53493	-.61541	-.50990	-.54910	.31128	.46713	.43805
	GRADIENT	.00953	-.00297	-.00928	-.00352	-.00968	-.00363	-.00897	.02064	02323	.02907

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.901	-3.993	2.11363	-.17613	-.09960	-.17120	-.10304	-.15906	-.11833	.10733	.19568	-.04978
.901	-1.992	2.05915	-.16509	-.13728	-.16430	-.13413	-.16319	-.13830	.16035	.25156	.01625
.902	-.031	2.09186	-.20374	-.33656	-.20995	-.26414	-.21644	-.23361	.20661	.30089	.07768
.901	1.956	2.05706	-.25058	-.52548	-.24973	-.39449	-.24507	-.30587	.24287	.34367	.13649
.899	3.998	2.12144	-.30087	-.61111	-.27609	-.48301	-.25087	-.34038	.28019	.38441	.18431
.900	5.974	2.14127	-.41685	-.71859	-.34474	-.63779	-.31597	-.42695	.30162	.41706	.23159
.900	7.870	1.98775	-.53817	-.82085	-.41364	-.73850	-.38144	-.48125	.32567	.44567	.27744
.899	9.976	2.05688	-.70584	-.88851	-.50807	-.91388	-.47681	-.56069	.33792	.47381	.31806
.900	11.929	1.85725	-.94709	-.94011	-.59972	.00000	-.57829	-.63743	.35729	.48180	.36119
.899	13.877	1.85070	.00000	.00000	-.65721	.00000	-.65281	-.70493	.36155	.49130	.39548
.900	15.937	1.86382	.00000	.00000	-.75221	.00000	-.72124	-.78903	.36129	.49703	.42995
.900	17.933	1.89382	.00000	.00000	-.79239	.00000	-.78480	-.81105	.34984	.49809	.45420
	GRADIENT	.00071	-.01682	-.07076	-.01481	-.05118	-.01330	-.03066	.02148	.02356	.02952

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.949	-4.034	1.98262	-.54331	-.53166	-.51580	-.47848	-.45590	-.43053	.15381	.23713	-.00650
.950	-1.959	2.04477	-.51920	-.54681	-.51596	-.52485	-.47109	-.46941	.20083	.29398	.05736
.949	-.034	2.08820	-.51422	-.55688	-.52861	-.57335	-.49236	-.51178	.24465	.34023	.11525
.949	1.998	2.08670	-.53507	-.57480	-.53010	-.60892	-.51062	-.55806	.28008	.38952	.17303
.950	3.973	2.06688	-.58620	-.61256	-.53128	-.63283	-.51586	-.60021	.31906	.42148	.22081
.951	6.040	2.07599	-.64792	-.69350	-.55523	-.67691	-.51991	-.65037	.34111	.45446	.27035
.950	7.898	2.00234	-.75007	-.75519	-.60839	-.77214	-.53083	-.69471	.36268	.48286	.31496
.950	9.938	2.09564	-.82291	-.80402	-.69506	-.87520	-.55911	-.74054	.37526	.50819	.35188
.951	11.944	1.88598	-.86329	-.84779	-.87041	-.92632	-.61502	-.78543	.39417	.51631	.39561
.950	13.959	1.92110	-.90350	-.89197	-.99164	-.83329	-.67324	-.67939	.39809	.53320	.42935
.950	15.980	1.94944	-.94128	-.93375	-1.03366	-.88211	-.74188	-.71884	.39827	.53267	.46246
.949	17.944	1.91873	-.97726	-.93298	-1.06799	-.80782	-.80194	-.73723	.38854	.53378	.48839
	GRADIENT	.01056	-.00506	-.00950	-.00225	-.01967	-.00798	-.02143	.02052	.02326	.02856

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.981	-4.081	1.97967	-.53568	-.51681	-.49724	-.47590	-.43776	-.42184	.17806	.26446	.01900
.980	-1.928	2.05338	-.51762	-.53687	-.50325	-.52564	-.45572	-.47148	.23051	.32385	.08721
.978	-.014	2.04817	-.52720	-.53889	-.51588	-.55830	-.47244	-.51498	.27158	.36632	.14060
.979	2.026	2.03891	-.56131	-.55358	-.53457	-.58644	-.49796	-.56651	.30497	.41299	.19762
.979	3.994	2.05837	-.59404	-.59161	-.55217	-.61073	-.51530	-.60849	.34152	.44248	.24354
.979	5.991	2.12303	-.63044	-.66274	-.57422	-.65163	-.52076	-.64714	.36114	.47539	.28978
.979	7.940	2.00059	-.71472	-.71298	-.62810	-.73928	-.53300	-.68393	.38557	.50498	.33666
.980	9.961	1.99623	-.77829	-.75798	-.72238	-.82355	-.56124	-.72483	.40206	.52662	.37738
.980	11.932	1.91032	-.81101	-.79402	-.85918	-.82794	-.60401	-.63100	.41531	.53653	.41505
.979	13.945	1.92452	-.84872	-.83389	-.93381	-.77487	-.65026	-.65090	.42232	.55336	.45104
.981	15.898	1.94593	-.88006	-.87083	-.96219	-.85040	-.70495	-.70307	.42243	.55549	.48395
.979	17.969	1.95422	-.91522	-.86797	-.99899	-.76474	-.76240	-.71071	.41514	.55814	.51146
	GRADIENT	.00721	-.00792	-.00827	-.00701	-.01647	-.00981	-.02330	.01998	.02217	.02785

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.051	-4.011	1.97852	-.48908	-.45746	-.43818	-.42661	-.37928	-.37903	.25537	.33978	.10003
1.050	-1.942	1.96724	-.49304	-.47056	-.45101	-.46396	-.39681	-.42790	.30096	.39045	.16099
1.049	-.019	1.98685	-.51124	-.47989	-.47365	-.49398	-.41976	-.47625	.34138	.43236	.21389
1.050	2.009	2.02050	-.52642	-.49743	-.50007	-.51744	-.44176	-.51833	.37522	.47860	.26790
1.048	4.018	2.01674	-.53708	-.53166	-.54027	-.54405	-.47121	-.55619	.40038	.50158	.30830
1.048	6.058	2.06260	-.56284	-.58490	-.56692	-.58432	-.48745	-.58195	.42455	.53382	.35377
1.049	7.995	1.99003	-.62708	-.61712	-.60481	-.66483	-.50491	-.61362	.44496	.55838	.39522
1.050	10.014	2.15290	-.67435	-.64928	-.67279	-.72179	-.52721	-.65823	.45732	.58744	.43429
1.049	11.998	1.95422	-.70346	-.68601	-.77121	-.76490	-.56907	-.74329	.47414	.59384	.47271
1.049	13.933	1.98267	-.72749	-.71415	-.81594	-.79364	-.60202	-.84042	.47989	.60430	.50720
1.051	15.966	2.00396	-.75457	-.74566	-.84050	-.82178	-.64764	-.89596	.48113	.61212	.53886
1.050	17.958	2.01044	-.77959	-.76974	-.86537	-.84454	-.69733	-.93810	.47217	.61405	.56346
	GRADIENT	.00646	-.00646	-.00877	-.01265	-.01441	-.01143	-.02222	.01820	.02058	.02616

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.101	-3.861	1.88250	-.41485	-.38195	-.36380	-.35446	-.30624	-.30938	.31154	.39066	.16038
1.101	-1.934	2.03492	-.42184	-.38898	-.37874	-.38573	-.32914	-.35562	.34799	.43800	.21058
1.098	.011	1.99787	-.44345	-.40455	-.40586	-.41936	-.34990	-.40666	.39456	.47656	.26089
1.097	1.967	2.02256	-.45653	-.42433	-.43811	-.44597	-.37810	-.44766	.41360	.51224	.31013
1.098	4.069	1.99743	-.46518	-.46205	-.47246	-.46874	-.40209	-.48059	.45029	.54854	.35773
1.102	6.028	2.08426	-.48417	-.50551	-.49341	-.50547	-.41583	-.50153	.46419	.57498	.39547
1.101	7.940	1.91656	-.55071	-.53539	-.53798	-.58211	-.44132	-.53285	.48744	.59786	.43851
1.099	10.041	2.06116	-.60099	-.57062	-.61871	-.64038	-.48363	-.58617	.50044	.62080	.47651
1.101	11.953	1.94800	-.62410	-.59881	-.69255	-.67894	-.52691	-.67586	.51073	.63122	.51055
1.100	13.871	1.91693	-.65063	-.63153	-.73223	-.70849	-.55749	-.75608	.52170	.64176	.54660
1.101	15.911	1.91806	-.67386	-.66315	-.75610	-.73515	-.59922	-.80280	.52133	.64518	.57700
1.101	17.912	1.94513	-.69473	-.68176	-.77743	-.75567	-.64298	-.84182	.51934	.65065	.60565
	GRADIENT	.01084	-.00684	-.00994	-.01402	-.01459	-.01218	-.02195	.01736	.01972	.02500

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-3.928	2.01002	-.38533	-.34558	-.33353	-.32630	-.27562	-.29503	.32730	.41499	.17718
1.151	-1.962	2.04859	-.39304	-.35524	-.34819	-.35064	-.29503	-.33294	.36435	.45808	.22766
1.151	.008	2.05114	-.40496	-.36768	-.37696	-.37720	-.31850	-.37332	.40082	.49409	.27653
1.148	2.044	2.04377	-.40747	-.39284	-.40576	-.40239	-.33977	-.40516	.42800	.52801	.32192
1.149	4.047	2.03303	-.41068	-.42757	-.43332	-.42968	-.36240	-.43521	.45696	.55938	.36317
1.150	6.039	2.08258	-.43070	-.45587	-.45114	-.46770	-.37933	-.45718	.47444	.58721	.40498
1.149	7.933	1.93581	-.48847	-.47678	-.48620	-.52882	-.40545	-.47838	.49675	.60908	.44748
1.149	9.940	2.07975	-.53267	-.50127	-.55256	-.57022	-.43940	-.52506	.50826	.63276	.48258
1.149	11.887	1.86793	-.55149	-.52614	-.62128	-.60236	-.49088	-.59294	.52869	.63995	.52243
1.148	13.900	1.90021	-.57514	-.55338	-.65845	-.63151	-.51595	-.67638	.53663	.65723	.55754
1.150	15.857	1.87983	-.59314	-.57912	-.67336	-.64948	-.54838	-.71537	.54242	.66268	.59268
1.150	17.910	1.92817	-.61223	-.59540	-.69224	-.66916	-.60260	-.74895	.53982	.66933	.62116
1.148	18.951	1.95715	-.62663	-.60896	-.70550	-.67938	-.64386	-.76939	.53301	.67022	.63289
	GRADIENT	.00204	-.00326	-.01012	-.01289	-.01295	-.01094	-.01766	.01617	.01797	.02336

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.200	-4.012	2.07164	-.38599	-.31048	-.32973	-.29584	-.25708	-.27231	.33424	.42093	.18430
1.202	-1.980	2.04860	-.39260	-.31986	-.35002	-.31903	-.28115	-.30525	.37127	.46041	.23046
1.201	-.016	2.05734	-.39355	-.33737	-.37801	-.34350	-.30640	-.33892	.40468	.49568	.27901
1.201	2.000	2.05280	-.39418	-.36269	-.40543	-.36840	-.33533	-.37015	.43192	.52682	.32404
1.200	3.978	2.08634	-.39301	-.39515	-.41753	-.39836	-.35109	-.39588	.45865	.55686	.36319
1.201	6.018	2.09593	-.41437	-.42130	-.43423	-.44531	-.37498	-.42550	.47714	.58368	.40425
1.200	7.937	2.07834	-.45453	-.44094	-.46063	-.49948	-.39773	-.45770	.49327	.61180	.44157
1.202	9.993	2.11113	-.48064	-.46216	-.51238	-.53061	-.43038	-.50488	.50843	.63726	.48107
1.198	11.886	1.84725	-.50011	-.48795	-.56764	-.56161	-.47141	-.57246	.52838	.64491	.52216
1.196	13.858	1.87298	-.52109	-.50983	-.59718	-.58508	-.50536	-.63018	.53929	.65803	.55858
1.204	15.934	1.90877	-.53150	-.52448	-.60599	-.59477	-.56473	-.65799	.54419	.67077	.59183
1.202	17.947	1.93565	-.55259	-.54359	-.62597	-.61710	-.65810	-.68757	.54498	.68020	.62282
	GRADIENT	.00167	-.00079	-.01062	-.01157	-.01274	-.01214	-.01563	.01551	.01695	.02261

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	-4.010	1.88875	-.35375	-.26373	-.32247	-.25331	-.24981	-.23566	.35660	.45145	.21043
1.301	-1.957	2.02013	-.34071	-.27584	-.32245	-.26833	-.27032	-.26197	.39067	.49507	.25554
1.300	-.020	2.02373	-.34021	-.29614	-.33902	-.29414	-.29873	-.29038	.41967	.52788	.30248
1.299	1.989	2.04828	-.34142	-.32220	-.34804	-.32080	-.31989	-.31675	.44755	.55898	.33788
1.300	4.021	2.04597	-.35442	-.34790	-.37087	-.35636	-.34591	-.34016	.47323	.58844	.38183
1.299	6.015	2.11577	-.38420	-.37504	-.39689	-.41159	-.37915	-.37370	.49233	.61479	.42179
1.300	7.960	2.02609	-.39754	-.38089	-.41048	-.44043	-.39134	-.41533	.51956	.63448	.46742
1.300	9.999	2.13198	-.41470	-.39857	-.46352	-.45826	-.42409	-.46954	.54124	.65672	.50924
1.301	11.906	1.89701	-.41072	-.40818	-.48737	-.47487	-.44125	-.50758	.56394	.66622	.55076
1.300	13.940	1.94493	-.42211	-.42244	-.50383	-.48962	-.49389	-.53728	.57401	.68219	.58918
1.299	15.926	1.95538	-.43996	-.43767	-.51469	-.50078	-.56249	-.56371	.58517	.69501	.62518
1.299	17.954	1.94618	-.45734	-.46022	-.52770	-.52648	-.59538	-.58794	.58460	.70420	.65779
	GRADIENT	.01716	-.00010	-.01073	-.00611	-.01292	-.01208	-.01318	.01450	.01689	.02125

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.401	-4.020	1.91267	-.32319	-.23759	-.27393	-.21582	-.21493	-.19693	.35782	.45451	.21550
1.401	-1.993	1.98557	-.30485	-.24696	-.29766	-.23090	-.25235	-.21944	.38871	.49095	.26035
1.401	-.015	1.97644	-.29915	-.26392	-.30826	-.25648	-.28161	-.24533	.40895	.52333	.29513
1.402	1.977	1.98307	-.29322	-.28657	-.30147	-.28373	-.29626	-.26430	.44008	.55697	.33779
1.399	4.008	2.02120	-.31103	-.29804	-.32044	-.31611	-.31407	-.28920	.46219	.58793	.37717
1.400	6.072	2.05652	-.32776	-.31160	-.34032	-.35832	-.33280	-.33112	.48895	.61389	.41711
1.401	8.039	2.11415	-.34592	-.32291	-.36419	-.38131	-.34409	-.37416	.51321	.63887	.46009
1.400	10.071	2.19329	-.35451	-.33433	-.40686	-.39622	-.36899	-.42084	.53509	.66315	.50628
1.402	11.999	1.98182	-.35595	-.34265	-.42650	-.40531	-.40126	-.44446	.55911	.66869	.55038
1.401	14.063	2.03380	-.36410	-.35621	-.43926	-.41577	-.45831	-.47095	.57248	.68269	.58607
1.401	15.966	2.01402	-.37549	-.37472	-.44687	-.43196	-.50075	-.48567	.58316	.69386	.62048
1.399	18.004	2.01274	-.39405	-.39383	-.45547	-.44513	-.52340	-.50287	.58732	.70610	.65326
	GRADIENT	.01074	.00179	-.00801	-.00484	-.01265	-.01209	-.01145	.01299	.01662	.02001

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.548	-3.908	1.84243	-.29198	-.20165	-.23742	-.18610	-.18519	-.15697	.37286	.45864	.23289
1.548	-1.851	1.85650	-.27708	-.20930	-.25277	-.20667	-.21248	-.18196	.40506	.49535	.27609
1.549	.114	1.84742	-.26501	-.22578	-.26235	-.22951	-.22876	-.20773	.43503	.52247	.32683
1.549	2.104	1.87373	-.25953	-.23325	-.25751	-.24185	-.24933	-.22195	.45356	.55035	.35408
1.550	4.150	1.88358	-.26179	-.24682	-.26357	-.27930	-.25856	-.26175	.47905	.58003	.39022
1.551	6.220	1.91501	-.27960	-.25868	-.28860	-.30516	-.26556	-.29830	.49832	.60961	.43485
1.552	8.091	1.93765	-.28497	-.25612	-.32706	-.31230	-.29199	-.32729	.51831	.63413	.46847
1.551	10.026	2.07894	-.28889	-.26641	-.34343	-.32526	-.31059	-.35636	.53903	.66051	.50686
1.547	11.923	2.01404	-.28969	-.27335	-.35335	-.33732	-.34207	-.37620	.56369	.67986	.54825
1.546	13.900	2.04322	-.29228	-.28574	-.36243	-.34388	-.37867	-.39394	.57765	.69672	.58450
1.552	15.908	2.07452	-.30276	-.30346	-.36658	-.35520	-.41478	-.40517	.58410	.71367	.61937
1.549	17.898	2.10055	-.31505	-.31823	-.37015	-.36311	-.42530	-.41201	.59030	.72913	.65439
	GRADIENT	.00496	.00388	-.00569	-.00285	-.01105	-.00915	-.01244	.01300	.01484	.01956

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (MVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.202	-1.929	-.31382	-.28164	-.28550	-.27949	-.25406	-.25403	-.24560	.06340	.04649	-.08904
.202	-.016	-.27307	-.28509	-.28047	-.28080	-.25529	-.26163	-.25317	.10562	.09931	-.03240
.202	2.003	-.23081	-.26719	-.26682	-.27772	-.24811	-.25442	-.24600	.16592	.15967	.04343
.202	3.989	-.18963	-.28009	-.27550	-.28852	-.25889	-.26943	-.25678	.19129	.18928	.09202
.201	6.053	-.14550	-.29737	-.28422	-.29946	-.26749	-.27385	-.25898	.23065	.22866	.14773
	GRADIENT	.02098	.00115	.00220	-.00122	-.00037	-.00196	-.00132	.02245	.02471	.03131

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (MVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.250	-1.734	-.25284	-.05943	-.06120	-.06056	-.04774	-.05195	-.05348	.04431	.04717	.00149
.250	.144	-.21112	-.06300	-.06335	-.06413	-.04987	-.05479	-.05418	.05945	.06304	.01944
.251	2.144	-.16629	-.05938	-.05689	-.06193	-.04702	-.05263	-.05488	.07749	.08249	.04264
.250	4.009	-.18457.	-.06720	-.06539	-.06904	-.05471	-.05894	-.06049	.08750	.09184	.05879
.250	6.242	-.07452	-.07039	-.06786	-.07222	-.05580	-.06144	-.06227	.09296	.10158	.07368
	GRADIENT	.01304	-.00101	-.00030	-.00120	-.00093	-.00097	-.00112	.00768	.00799	.01015

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.404	-1.870	-.29974	-.26071	-.26722	-.26412	-.23773	-.26978	-.22971	.08650	.07164	-.06936
.404	.085	-.25709	-.25398	-.25705	-.26996	-.24019	-.27551	-.23333	.13367	.12345	-.00696
.405	2.152	-.21073	-.26181	-.25348	-.27658	-.24807	-.28449	-.24124	.17102	.16883	.05261
.399	4.167	-.16669	-.26808	-.25953	-.28092	-.24812	-.28553	-.24110	.21763	.21424	.11238
.398	6.117	-.12287	-.28301	-.27209	-.28884	-.25598	-.29228	-.24543	.25032	.24460	.16488
	GRADIENT	.02208	-.00150	.00131	-.00283	-.00194	-.00278	-.00209	.02174	.02344	.02997

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.599	-1.963	-.18010	-.27344	-.27411	-.28427	-.25529	-.27231	-.24547	.09559	.08374	-.06672
.599	.091	-.16052	-.27161	-.26815	-.28606	-.25707	-.26893	-.24724	.14784	.14120	.00357
.599	2.060	-.09642	-.27517	-.26963	-.29016	-.25905	-.27973	-.25180	.19000	.19010	.06418
.599	4.128	-.06717	-.28180	-.27313	-.29473	-.26306	-.28429	-.25580	.23317	.23175	.12437
.599	6.169	-.01614	-.29527	-.27990	-.30195	-.27038	-.28741	-.25849	.26408	.26475	.17892
	GRADIENT	.01987	-.00141	.00007	-.00175	-.00125	-.00230	-.00175	.02247	.02435	.03132

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.800	-1.822	-.26162	-.27891	-.28445	-.29244	-.26737	-.27881	-.25764	.15747	.14399	-.01428
.799	.082	-.21963	-.27994	-.28234	-.29553	-.26945	-.26122	-.25903	.20109	.20295	.04938
.800	2.135	-.17642	-.28601	-.28598	-.30019	-.27415	-.28417	-.26236	.24308	.24946	.11316
.900	4.197	-.13435	-.29882	-.29496	-.30849	-.28260	-.28935	-.26790	.28048	.28585	.16968
.800	6.281	-.08868	-.32558	-.31613	-.32797	-.30086	-.30429	-.28142	.31305	.31880	.22472
	GRADIENT	.02113	-.00329	-.00127	-.00263	-.00255	-.00172	-.00170	.02042	.02342	.03059

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (MVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.850	-1.940	-.25143	-.25598	-.26662	-.26726	-.24783	-.25200	-.23490	.18187	.16742	.00890
.850	.144	-.26439	-.25969	-.26709	-.27518	-.25348	-.25927	-.24118	.22560	.22832	.07427
.850	2.202	-.18271	-.27558	-.27942	-.28948	-.26807	-.27483	-.25543	.26858	.27393	.14044
.850	4.246	-.12456	-.30340	-.30592	-.31924	-.29620	-.30232	-.28196	.30321	.30825	.19163
.850	6.335	-.08998	-.35263	-.35605	-.36034	-.34092	-.34508	-.32541	.33577	.34211	.24777
	GRADIENT	.02239	-.00766	-.00630	-.00825	-.00774	-.00807	-.00753	.01975	.02272	.02980

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.900	-1.931	-.32159	-.12188	-.11653	-.12948	-.10874	-.14560	-.12032	.21672	.20039	.04458
.900	.161	-.27995	-.17862	-.16710	-.17463	-.14870	-.17519	-.14443	.26064	.26110	.10710
.900	2.233	-.20158	-.33308	-.29702	-.27635	-.24707	-.25801	-.21812	.30045	.30520	.17230
.900	4.321	-.18726	-.53543	-.46104	-.36432	-.32403	-.32064	-.28104	.33626	.33922	.22456
.900	6.393	-.14404	-.71444	-.65232	-.47042	-.41244	-.39441	-.35817	.36614	.37490	.27733
	GRADIENT	.02311	-.06698	-.05586	-.03870	-.03573	-.02918	-.02668	.01913	.02212	.02906

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.950	-1.845	-.29388	-.54414	-.53192	-.52013	-.49121	-.46952	-.45688	.26098	.24469	.08967
.949	.191	-.24602	-.57542	-.56719	-.55601	-.51583	-.50221	-.47889	.30172	.30046	.14918
.949	2.270	-.19431	-.59048	-.59550	-.59648	-.55627	-.53195	-.50054	.33739	.34193	.21051
.949	4.361	-.15003	-.62134	-.62862	-.64521	-.60821	-.55103	-.51676	.37545	.37655	.26575
.949	6.385	-.11012	-.70342	-.69821	-.69323	-.66832	-.58075	-.53866	.40236	.41388	.31395
	GRADIENT	.02335	-.01192	-.01538	-.02010	-.01893	-.01324	-.00972	.01831	.02110	.02848

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.981	-1.847	-.27307	-.55331	-.54197	-.52495	-.49238	-.46094	-.44727	.28710	.26962	.11600
.979	.196	-.19683	-.56736	-.56384	-.56393	-.52684	-.49060	-.47130	.32693	.32461	.17561
.979	2.283	-.14553	-.57663	-.57870	-.60909	-.57257	-.52989	-.50248	.36183	.36514	.23333
.979	4.387	-.10630	-.60124	-.60720	-.64324	-.61737	-.56401	-.53098	.39616	.39809	.28616
.979	6.418	-.06751	-.67250	-.67081	-.67186	-.65635	-.59537	-.55305	.42370	.43660	.33526
	GRADIENT	.02651	-.00737	-.01013	-.01924	-.02024	-.01677	-.01358	.01741	.02047	.02733

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (MVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.049	-1.880	-.19879	-.50371	-.49982	-.48617	-.45738	-.41259	-.39901	.34990	.34034	.18533
1.048	.124	-.16640	-.50878	-.51079	-.52471	-.49889	-.45116	-.43433	.38882	.38995	.24096
1.051	2.223	-.12384	-.51008	-.51414	-.55251	-.52973	-.49397	-.47160	.42725	.42988	.30034
1.051	4.323	-.05623	-.53371	-.53569	-.57289	-.55365	-.53766	-.50910	.45588	.46207	.34935
1.051	6.472	-.01128	-.59151	-.59549	-.59794	-.58368	-.57593	-.54228	.48616	.49476	.40131
	GRADIENT	.02274	-.00442	-.00536	-.01388	-.01541	-.02019	-.01775	.01720	.01954	.02662

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.101	-1.920	-.26974	-.42467	-.42469	-.41307	-.38400	-.34114	-.32653	.40108	.38724	.24042
1.098	.082	-.16714	-.43324	-.43720	-.45042	-.42523	-.38111	-.36307	.43722	.43014	.29196
1.101	2.167	-.16589	-.43410	-.43917	-.47717	-.45654	-.42493	-.40328	.46993	.46797	.34593
1.100	4.279	-.12353	-.46332	-.46414	-.50020	-.48238	-.47359	-.44545	.49718	.50003	.39177
1.098	6.344	-.01847	-.51795	-.52266	-.52834	-.51332	-.51665	-.48311	.52445	.53157	.43953
	GRADIENT	.02117	-.00567	-.00583	-.01391	-.01576	-.02134	-.01920	.01551	.01817	.02455

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-1.979	-.25665	-.39169	-.38234	-.38888	-.35894	-.32680	-.30360	.42138	.40586	.25749
1.149	.012	-.21629	-.39619	-.38987	-.41583	-.38723	-.36807	-.33901	.45161	.44386	.30525
1.151	2.154	-.18449	-.40640	-.40091	-.43902	-.41406	-.41263	-.38306	.48305	.48142	.35770
1.149	4.267	-.12080	-.43559	-.42221	-.46150	-.43623	-.45475	-.42072	.50948	.51146	.40144
1.149	6.306	-.07772	-.46651	-.46177	-.48280	-.45782	-.48574	-.44785	.53518	.54218	.44746
	GRADIENT	.02105	-.00681	-.00627	-.01154	-.01238	-.02052	-.01894	.01416	.01696	.02319

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.201	-1.981	-.26826	-.35445	-.36327	-.35332	-.34237	-.30768	-.29625	.42943	.41633	.26813
1.199	.093	-.23749	-.35988	-.36787	-.38033	-.36935	-.35153	-.33872	.45931	.45303	.31383
1.198	2.179	-.18602	-.37520	-.38019	-.40171	-.38952	-.38793	-.37347	.48484	.48597	.36090
1.199	4.250	-.14483	-.40504	-.40425	-.42302	-.40059	-.41828	-.40112	.51263	.51624	.40316
1.199	6.371	-.10171	-.42982	-.43882	-.45108	-.43463	-.44551	-.42616	.53803	.54921	.45058
	GRADIENT	.02030	-.00804	-.00651	-.01109	-.01068	-.01772	-.01681	.01321	.01601	.02776

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (MVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.299	-1.929	-.24030	-.30198	-.32124	-.30165	-.31087	-.28076	-.28426	.44426	.42457	.27876
1.299	.039	-.19811	-.31432	-.32401	-.32266	-.32349	-.31276	-.30673	.47754	.46079	.32989
1.301	2.123	-.15392	-.32810	-.33604	-.33759	-.33841	-.32972	-.33120	.50901	.49721	.37831
1.300	4.246	-.10288	-.35664	-.36771	-.36728	-.36521	-.35911	-.35806	.53844	.52782	.42509
1.299	6.301	-.05950	-.36500	-.38730	-.40247	-.40185	-.38536	-.38540	.56037	.55467	.46898
	GRADIENT	.02216	-.00865	-.00740	-.01029	-.00866	-.01221	-.01205	.01523	.01678	.02364

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.401	-2.028	-.17838	-.27069	-.26206	-.26437	-.25375	-.24743	-.23659	.45200	.43026	.29925
1.399	.076	-.13426	-.28193	-.27928	-.28218	-.27014	-.27325	-.26471	.48266	.46209	.34002
1.399	2.205	-.08845	-.29961	-.29523	-.29844	-.28840	-.29380	-.28583	.51489	.50064	.39231
1.398	4.281	-.04296	-.31186	-.31461	-.32529	-.31093	-.31146	-.30605	.54248	.52850	.43367
1.400	6.338	.00219	-.32743	-.32787	-.36090	-.33881	-.33133	-.32392	.56560	.55623	.47607
	GRADIENT	.02147	-.00671	-.00824	-.00945	-.00901	-.01010	-.01090	.01442	.01583	.02164

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.549	-2.124	-.11464	-.23558	-.24665	-.22607	-.22762	-.20515	-.20202	.46209	.45891	.30902
1.550	-.045	-.05598	-.24318	-.25234	-.24157	-.24597	-.22665	-.22826	.48737	.49338	.35837
1.549	2.045	-.01271	-.25201	-.26463	-.25798	-.26048	-.24307	-.24215	.50566	.51042	.38997
1.549	4.167	.03577	-.26159	-.27488	-.28631	-.28533	-.26594	-.25772	.53195	.54118	.42917
1.550	6.159	.07846	-.26733	-.28312	-.31227	-.30906	-.28750	-.27677	.55743	.56919	.47263
	GRADIENT	.02358	-.00414	-.00463	-.00941	-.00895	-.00948	-.00863	.01087	.01259	.01870

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	8.038	.01701	-.39391	-.38880	-.44293	-.42239	-.40647	-.38920	.56647	.58185	.49529
1.300	11.902	.04855	-.41547	-.41234	-.49117	-.47261	-.49135	-.45903	.59721	.62218	.57047
1.299	15.903	.05811	-.44087	-.44204	-.51748	-.50498	-.58388	-.56226	.61750	.65407	.64546
1.299	17.967	.06515	-.46011	-.47108	-.53492	-.52561	-.60068	-.58283	.61957	.66479	.68076
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.319	7.955	.00358	-.38581	-.37122	-.43620	-.40215	-.39864	-.37045	.57228	.58072	.49861
1.319	11.997	.03900	-.40641	-.39437	-.48339	-.45766	-.49107	-.45247	.60541	.62138	.57931
1.320	16.006	.05064	-.42891	-.42750	-.50017	-.48832	-.56847	-.54525	.62047	.65107	.64942
1.320	18.010	.05863	-.44358	-.45307	-.51312	-.50587	-.57998	-.56338	.62450	.66230	.68308
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.340	7.977	-.00549	-.37269	-.35471	-.42089	-.38839	-.38146	-.36140	.58187	.57909	.50588
1.340	12.002	.02713	-.38517	-.37895	-.46087	-.44102	-.46765	-.43643	.61397	.62182	.58630
1.337	16.034	.04138	-.41655	-.41354	-.49008	-.47424	-.55742	-.53222	.62981	.65405	.65756
1.335	18.010	.04997	-.43493	-.44040	-.50320	-.49481	-.56908	-.55164	.62949	.66119	.68653
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.360	7.980	-.02354	-.35650	-.36861	-.41023	-.40704	-.37153	-.36900	.57585	.58766	.50617
1.360	11.974	-.00388	-.37266	-.38682	-.44901	-.44753	-.45982	-.45298	.60850	.62872	.58454
1.360	16.056	.02824	-.39994	-.41030	-.47063	-.46399	-.53752	-.52384	.62637	.66144	.65463
1.361	17.986	.03881	-.41219	-.42541	-.48206	-.47828	-.54669	-.53300	.62922	.67091	.68588
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.378	7.985	-.03572	-.34336	-.35493	-.39739	-.39363	-.38183	-.35816	.57106	.59375	.50080
1.380	11.946	-.00282	-.35930	-.36969	-.43442	-.43208	-.44946	-.43980	.60447	.63288	.57949
1.381	16.045	.01314	-.38145	-.39672	-.44825	-.45164	-.51669	-.50815	.62307	.66250	.65138
1.381	17.961	.01835	-.39573	-.41350	-.46543	-.46681	-.52363	-.51940	.62777	.67250	.68429
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.400	7.991	-.04478	-.33335	-.33835	-.38566	-.37560	-.36012	-.33985	.56959	.59171	.49762
1.400	11.952	-.01467	-.34406	-.35763	-.41842	-.41551	-.43749	-.42639	.59981	.62796	.57192
1.401	16.014	.00039	-.36592	-.38230	-.43705	-.43671	-.50867	-.49215	.62310	.65896	.64759
1.399	17.971	.01113	-.38306	-.40168	-.45184	-.45265	-.51598	-.50434	.62983	.67109	.68145
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.450	7.985	-.07387	-.30878	-.31781	-.36852	-.36247	-.33469	-.33273	.58461	.58699	.50836
1.449	11.857	-.06348	-.32209	-.33397	-.39703	-.39184	-.41897	-.40815	.61782	.62680	.58336
1.451	16.025	-.12111	-.34212	-.35341	-.40594	-.40446	-.47198	-.46059	.64282	.66071	.65992
1.451	18.092	-.11734	-.35439	-.37255	-.41796	-.42049	-.48175	-.47092	.65095	.67345	.69932
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.201	-1.766	.11013	-.07268	-.07302	-.07380	-.05882	-.06375	-.06528	.02983	.03484	-.01450
.201	2.228	.11051	-.07478	-.07441	-.07660	-.06528	-.04960	-.07312	.06598	.06884	.02839
.201	6.192	.11030	-.07964	-.07425	-.07932	-.06577	-.06926	-.06937	.09004	.09437	.06791
.201	10.191	.11117	-.09010	-.08466	-.08688	-.07190	-.07181	-.07194	.09970	.10617	.09688
.200	14.198	.11075	-.10730	-.10245	-.09675	-.08088	-.07211	-.07657	.10066	.11518	.12169
.201	18.204	.11088	-.11803	-.11105	-.09550	-.08203	-.06415	-.06783	.10151	.11720	.14424
	GRADIENT	.00010	-.00053	-.00035	-.00070	-.00162	.00354	-.00196	.00905	.00851	.01074

OA232 AEDC 16T TF431 LFN.15 RA .2P/S (MVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.397	-1.964	.08138	-.06465	-.06586	-.06671	-.05455	-.05683	-.05615	.04181	.04653	-.00421
.399	2.089	.08177	-.06401	-.06364	-.06799	-.05478	-.06015	-.05792	.07880	.08077	.04142
.400	6.076	.08096	-.06478	-.06751	-.06952	-.05712	-.06286	-.05754	.10179	.10610	.07967
.399	10.062	.08103	-.08118	-.07920	-.08083	-.06723	-.06714	-.06492	.11357	.11751	.10621
.399	14.055	.08145	-.10073	-.09321	-.08901	-.07540	-.06674	-.06647	.11485	.12386	.13049
.398	18.049	.08187	-.12296	-.11572	-.09898	-.08649	-.06760	-.06968	.10541	.11956	.14659
	GRADIENT	.00010	.00016	.00055	-.00032	-.00006	-.00082	-.00044	.00913	.00845	.01126

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.599	-1.951	-.03835	-.07298	-.07225	-.07526	-.06318	-.06586	-.06251	.04692	.04987	-.00363
.600	2.115	-.03766	-.07256	-.07012	-.07724	-.06488	-.06789	-.06491	.08345	.08348	.04285
.601	6.089	-.03856	-.07894	-.07493	-.08135	-.06938	-.07135	-.06752	.10641	.10679	.08054
.600	10.078	-.03858	-.09271	-.08604	-.08888	-.07615	-.07365	-.06980	.11995	.12173	.10983
.600	14.086	-.03596	-.11217	-.10284	-.09861	-.08588	-.07871	-.07297	.12258	.12798	.13385
.598	18.076	-.03387	-.13508	-.12458	-.10960	-.09681	-.07677	-.07464	.11390	.12610	.15195
	GRADIENT	.00017	.00010	.00053	-.00049	-.00042	-.00050	-.00059	.00899	.00827	.01143

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.699	-1.936	-.00705	-.07524	-.07540	-.07905	-.06779	-.07032	-.06686	.05350	.05558	.00063
.702	2.061	-.00744	-.07582	-.07461	-.08070	-.06924	-.07203	-.06859	.08886	.08862	.04727
.703	6.114	-.00823	-.08295	-.07966	-.08576	-.07415	-.07488	-.07158	.11233	.11197	.08579
.701	10.066	-.00679	-.09814	-.09150	-.09391	-.08146	-.07834	-.07449	.12666	.12686	.11559
.700	14.084	-.00735	-.12011	-.11064	-.10551	-.09277	-.08058	-.07755	.13036	.13413	.13921
.697	18.070	-.00510	-.14479	-.13419	-.11701	-.10419	-.08141	-.08002	.12127	.13308	.15771
	GRADIENT	-.00010	-.00015	.00020	-.00041	-.00036	-.00043	-.00043	.00885	.00827	.01167

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.801	-1.983	.04709	-.07746	-.07753	-.08059	-.07096	-.07179	-.06972	.06649	.06640	.00986
.800	1.919	.04480	-.07814	-.07786	-.08360	-.07297	-.07186	-.07117	.09909	.09647	.05399
.800	5.912	.04296	-.08991	-.08774	-.09152	-.08067	-.07884	-.07665	.12101	.12245	.09269
.800	9.967	.04397	-.11386	-.10790	-.10799	-.09635	-.09034	-.08771	.13689	.13707	.12469
.600	13.967	.04370	-.14051	-.13190	-.12563	-.11329	-.09997	-.09653	.14164	.14449	.14762
.799	18.030	.04692	-.17045	-.15939	-.14095	-.12604	-.10828	-.10439	.13454	.14574	.16791
	GRADIENT	-.00059	-.00017	-.00008	-.00077	-.00049	-.00002	-.00037	.00836	.00771	.01131

OA232 AEDC 15T TF431 LFN.15 RA .2P/S (MVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.900	-1.953	.10581	-.02578	-.02346	-.02775	-.01944	-.02925	-.02464	.08588	.08622	.02953
.900	1.965	.10638	-.07365	-.06943	-.06523	-.05754	-.05706	-.05014	.11534	.11427	.07139
.900	5.944	.07905	-.20816	-.19432	-.13112	-.11840	-.10653	-.10080	.13694	.13994	.10831
.900	9.984	.07976	-.28111	-.28219	-.18390	-.16936	-.16250	-.15461	.15286	.15293	.13974
.900	13.992	.10739	-.31462	-.31842	-.27568	-.25668	-.21359	-.20585	.15893	.16205	.16368
.900	17.996	.10267	-.34580	-.34795	-.28636	-.36041	-.24651	-.25070	.15330	.16444	.18415
	GRADIENT	.00015	-.01222	-.01174	-.00957	-.00972	-.00710	-.00651	.00752	.00716	.01069

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.950	-1.973	.05681	-.16289	-.15795	-.15702	-.14340	-.13440	-.13412	.09816	.09829	.04253
.950	1.989	.03369	-.18231	-.18038	-.18187	-.16269	-.15407	-.14948	.12820	.12652	.08380
.950	6.006	.08435	-.21450	-.21090	-.21337	-.20024	-.16844	-.16222	.14944	.15144	.12028
.950	9.980	.02360	-.25542	-.25562	-.27264	-.25754	-.19152	-.18553	.16449	.16379	.15041
.950	14.007	.01365	-.28130	-.28438	-.31679	-.30931	-.22484	-.22023	.17038	.17296	.17402
.950	17.985	.00940	-.30528	-.30962	-.27582	-.33512	-.22633	-.25895	.16542	.17591	.19491
	GRADIENT	-.00583	-.00490	-.00566	-.00627	-.00487	-.00496	-.00388	.00758	.00713	.01042

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.980	-2.021	-.00019	-.16885	-.16420	-.15796	-.14454	-.13158	-.13196	.10678	.10636	.05112
.979	2.041	.03281	-.17812	-.17680	-.18724	-.16932	-.15305	-.14914	.13571	.13399	.09182
.980	6.025	.03086	-.20556	-.20226	-.20822	-.19837	-.17346	-.16676	.15628	.15833	.12740
.980	9.998	-.00454	-.24024	-.24084	-.26086	-.24859	-.19642	-.19116	.17131	.17064	.15743
.980	14.003	-.02239	-.26237	-.26570	-.25090	-.29101	-.20197	-.21668	.17795	.17944	.18104
.980	18.003	.00647	-.28625	-.28883	-.29746	-.31451	-.24022	-.26190	.17287	.18250	.20105
	GRADIENT	.00813	-.00228	-.00310	-.00721	-.00610	-.00528	-.00423	.00712	.00680	.01002

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.050	-1.995	-.02704	-.15425	-.15063	-.14640	-.13402	-.11624	-.11651	.12970	.13005	.07518
1.049	2.060	-.04828	-.15716	-.15668	-.17230	-.16002	-.14486	-.14072	.15645	.15543	.11444
1.049	6.072	-.02341	-.18185	-.18019	-.18556	-.17684	-.17144	-.16448	.17624	.17731	.14848
1.050	10.045	-.02190	-.20557	-.20697	-.22910	-.22120	-.19114	-.18766	.19000	.18970	.17658
1.050	14.074	-.00166	-.22408	-.22670	-.25732	-.25091	-.22200	-.22072	.19405	.19849	.19849
1.049	18.029	-.04686	-.24320	-.24506	-.27388	-.26983	-.28437	-.28830	.19164	.20093	.21881
	GRADIENT	-.00524	-.00072	-.00149	-.00639	-.00641	-.00706	-.00597	.00660	.00626	.00968

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.100	-2.011	-.01986	-.12959	-.12558	-.12186	-.11131	-.09306	-.09348	.14531	.14624	.09226
1.099	2.052	-.01635	-.13292	-.13224	-.14637	-.13564	-.12215	-.11965	.17032	.17002	.12926
1.100	6.005	-.02448	-.15600	-.15495	-.16117	-.15294	-.15011	-.14536	.18809	.18970	.16022
1.100	10.024	-.01078	-.17959	-.18199	-.20313	-.19652	-.17227	-.17079	.20146	.20166	.18790
1.100	14.083	.03931	-.19746	-.20065	-.22975	-.22448	-.21337	-.21509	.20653	.21045	.20940
1.100	18.076	.03235	-.21531	-.21796	-.24507	-.24134	-.26709	-.26735	.20318	.21390	.22930
	GRADIENT	.00086	-.00082	-.00164	-.00603	-.00599	-.00716	-.00644	.00616	.00585	.00911

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.148	-1.987	.03939	-.11863	-.11448	-.11429	-.10466	-.08725	-.08756	.15035	.15172	.09772
1.149	2.086	.03878	-.12237	-.12100	-.13367	-.12384	-.11672	-.11456	.17331	.17368	.13198
1.151	6.046	.05813	-.14137	-.14011	-.14680	-.13823	-.14022	-.13661	.19004	.19282	.16213
1.151	10.040	.06707	-.15898	-.15997	-.18074	-.17383	-.15581	-.15389	.20408	.20474	.18976
1.150	14.088	.06219	-.17401	-.17551	-.20399	-.19763	-.18961	-.19098	.21077	.21479	.21246
1.150	18.062	.05279	-.18873	-.19129	-.21805	-.21348	-.23913	-.23712	.20945	.22008	.23340
	GRADIENT	-.00015	-.00092	-.00160	-.00476	-.00471	-.00724	-.00663	.00564	.00539	.00841

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.200	-1.998	.05089	-.10867	-.10464	-.10718	-.09793	-.08564	-.08558	.15117	.15225	.09851
1.200	2.045	.06206	-.11387	-.11228	-.12203	-.11332	-.11147	-.10935	.17341	.17304	.13118
1.199	6.060	.06113	-.13093	-.13118	-.13821	-.12951	-.13238	-.12910	.19080	.19199	.16107
1.199	10.055	.07340	-.14583	-.14657	-.16873	-.16187	-.14735	-.14551	.20448	.20458	.18917
1.200	14.080	.06967	-.15627	-.15915	-.18583	-.18060	-.18763	-.18432	.21195	.21544	.21233
1.200	18.036	.04676	-.16931	-.17425	-.19736	-.19379	-.21657	-.21458	.21307	.22221	.23526
	GRADIENT	.00299	-.00129	-.00189	-.00367	-.00380	-.00639	-.00588	.00550	.00514	.00808

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	-1.999	.01468	-.09155	-.08776	-.09343	-.08274	-.08149	-.07639	.15520	.16146	.10432
1.300	2.014	.01629	-.10060	-.09706	-.10293	-.09524	-.09649	-.09412	.17800	.18224	.13711
1.300	5.952	.01788	-.11352	-.11186	-.12131	-.11238	-.11207	-.10933	.19394	.20003	.16487
1.300	9.980	.02622	-.12321	-.12094	-.14691	-.13779	-.13099	-.12625	.20738	.21386	.19251
1.300	14.018	.02552	-.13170	-.12979	-.15733	-.14985	-.16805	-.16209	.21620	.22589	.21551
1.300	18.041	.01847	-.14126	-.14414	-.16665	-.16149	-.18334	-.18049	.21902	.23382	.24048
	GRADIENT	.00040	-.00225	-.00232	-.00237	-.00312	-.00374	-.00442	.00568	.00518	.00817

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.550	-1.888	-.12793	-.06994	-.06442	-.06734	-.06058	-.05617	-.05403	.16086	.16211	.11171
1.550	2.047	-.12894	-.07719	-.07262	-.07733	-.06859	-.06915	-.06450	.17797	.17774	.13865
1.550	6.027	-.12802	-.08302	-.08296	-.09582	-.09014	-.08382	-.08151	.19664	.19642	.16724
1.549	10.107	-.12029	-.08427	-.08706	-.10604	-.10164	-.10418	-.10221	.21151	.21310	.19385
1.550	14.069	-.12162	-.08645	-.08849	-.11165	-.10694	-.12169	-.11891	.22325	.22696	.21978
1.549	18.098	-.13278	-.09447	-.09648	-.11472	-.11191	-.12816	-.12886	.22816	.23589	.24498
	GRADIENT	-.00026	-.00184	-.00208	-.00254	-.00204	-.00330	-.00266	.00435	.00397	.00685

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.219	8.054	2.02335	-.13412	-.13128	-.13817	-.14737	-.12205	-.13453	.17929	.22004	.16431
1.219	11.957	2.18803	-.14936	-.14293	-.17004	-.16549	-.13421	-.17440	.18957	.23250	.18711
1.220	16.095	2.11806	-.15999	-.15744	-.18556	-.17836	-.15776	-.20093	.19305	.24317	.21054
1.218	18.084	2.07728	-.16702	-.16454	-.19193	-.18619	-.18876	-.21039	.19293	.24611	.22119
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.240	8.054	2.02446	-.13134	-.12844	-.13710	-.14455	-.12126	-.13214	.17956	.22045	.16437
1.240	11.968	2.04950	-.14413	-.13902	-.16515	-.16110	-.13317	-.17066	.19086	.23246	.18822
1.238	15.977	2.04826	-.15650	-.15243	-.18152	-.17310	-.16171	-.19503	.19398	.24329	.21067
1.239	18.079	2.06859	-.16262	-.15825	-.18665	-.17904	-.19625	-.20264	.19513	.24794	.22226
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.260	8.045	2.01750	-.12699	-.12402	-.13255	-.13968	-.11977	-.12770	.17971	.22161	.16418
1.259	11.981	2.04742	-.13741	-.13372	-.15902	-.15443	-.13132	-.16534	.19118	.23490	.18846
1.258	15.984	2.06836	-.14849	-.14533	-.17427	-.16664	-.16550	-.18931	.19406	.24669	.21063
1.258	18.096	2.03443	-.15400	-.15335	-.17859	-.17457	-.19282	-.19755	.19438	.25037	.22242
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.280	8.039	2.03566	-.12246	-.11816	-.12938	-.13476	-.11827	-.12348	.18094	.22259	.16476
1.280	11.999	2.06283	-.13460	-.12861	-.15781	-.14994	-.13404	-.16209	.19072	.23822	.18762
1.280	15.970	2.02933	-.14126	-.14008	-.16784	-.15987	-.17005	-.18141	.19445	.24950	.21100
1.279	18.105	2.03235	-.14698	-.14829	-.17238	-.16606	-.18881	-.18819	.19468	.25370	.22284
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	8.026	2.01617	-.11891	-.11406	-.12561	-.13220	-.11687	-.12454	.18228	.22253	.16609
1.300	11.917	2.16776	-.12830	-.12449	-.15166	-.14509	-.12892	-.15879	.19071	.23922	.18706
1.300	15.977	2.01801	-.13785	-.13486	-.16276	-.15483	-.16698	-.17539	.19490	.25005	.21107
1.301	18.072	2.03973	-.14438	-.14079	-.16689	-.15983	-.18324	-.18253	.19562	.25468	.22260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.320	8.006	2.01764	-.11456	-.11224	-.12125	-.12937	-.11292	-.12096	.18321	.22269	.16717
1.321	12.016	2.04958	-.12547	-.12015	-.14808	-.14115	-.12705	-.15623	.19388	.23896	.19005
1.319	15.986	2.02529	-.13284	-.13034	-.15793	-.14921	-.16149	-.17020	.19677	.25081	.21260
1.321	18.067	1.99448	-.13775	-.13630	-.15091	-.15390	-.17782	-.17536	.19698	.25454	.22369
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.341	8.001	2.01912	-.11315	-.10387	-.11723	-.12043	-.10369	-.11025	.18344	.22425	.16709
1.340	12.007	2.03843	-.12184	-.10312	-.14311	-.12895	-.12315	-.14322	.19470	.24121	.19191
1.340	15.979	2.02636	-.12735	-.12614	-.15281	-.14576	-.15827	-.16655	.19718	.25247	.21331
1.340	18.098	1.98389	-.13257	-.13283	-.15444	-.15133	-.17225	-.17268	.19832	.25624	.22440
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (MVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.360	7.994	2.01203	-.11198	-.10536	-.11942	-.12196	-.11160	-.11501	.18416	.22468	.16653
1.360	11.935	2.00672	-.11494	-.11225	-.13931	-.13297	-.12093	-.14771	.19525	.24094	.19201
1.360	15.984	1.97916	-.12404	-.12379	-.14811	-.14206	-.15622	-.16159	.19874	.25239	.21431
1.360	18.040	2.01337	-.12900	-.12978	-.14992	-.14616	-.16757	-.16646	.19929	.25668	.22470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.380	7.981	2.00908	-.10731	-.10130	-.11571	-.11853	-.10704	-.11312	.18507	.22636	.16690
1.379	11.967	1.96863	-.11516	-.10904	-.13670	-.12950	-.11878	-.14454	.19460	.24100	.19049
1.381	15.941	1.97776	-.11879	-.11913	-.14378	-.13650	-.15501	-.15627	.19787	.25131	.21292
1.381	18.045	1.95208	-.12302	-.12401	-.14565	-.14142	-.16357	-.16112	.19966	.25547	.22495
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.401	7.957	1.99119	-.10378	-.09913	-.11246	-.11612	-.10429	-.11197	.18689	.22801	.16877
1.400	11.908	2.07310	-.10967	-.10510	-.13212	-.12474	-.11529	-.14002	.19290	.24061	.18776
1.399	15.912	1.94836	-.11476	-.11522	-.13932	-.13344	-.15062	-.15274	.19920	.25042	.21232
1.401	18.020	1.94410	-.12008	-.12071	-.14131	-.13724	-.15913	-.15676	.20070	.25488	.22400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.450	7.958	1.97132	-.09841	-.09228	-.10719	-.10790	-.09695	-.10565	.18856	.22768	.17238
1.450	11.985	1.88933	-.10043	-.09541	-.12280	-.11597	-.11108	-.13159	.20081	.23991	.19413
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.450	16.008	1.95034	-.10579	-.10715	-.12958	-.12399	-.14077	-.14249	.20531	.25244	.21755
1.449	17.954	1.92255	-.10939	-.11311	-.12914	-.12824	-.14824	-.14692	.20735	.25647	.22905
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.200	-1.724	.10896	-.27232	-.28262	-.27744	-.25324	-.25711	-.24842	.05259	.06119	-.09585
.202	.162	.10889	-.26362	-.27378	-.27293	-.24902	-.25284	-.24213	.10626	.11901	-.02551
.202	2.150	.10901	-.25775	-.26579	-.27132	-.24954	-.25335	-.24264	.16494	.16707	.04390
.200	4.102	.10890	-.27975	-.28364	-.29141	-.27363	-.27102	-.26231	.18567	.19644	.09303
.199	6.155	.10895	-.28085	-.28263	-.28830	-.26822	-.26993	-.25899	.22890	.23758	.15300
.200	8.172	.10944	-.29967	-.29298	-.29650	-.27226	-.26749	-.26094	.24877	.25953	.20146
.200	10.191	.10956	-.31855	-.31407	-.30685	-.28462	-.26898	-.26456	.26327	.27625	.24815
.200	12.186	.11012	-.33638	-.32988	-.32276	-.29410	-.27419	-.26762	.26918	.28859	.27783
.200	14.194	.11033	-.36886	-.36256	-.33404	-.31623	-.27918	-.27693	.25566	.28789	.30296
.199	16.200	.11056	-.41324	-.39613	-.35409	-.33595	-.23952	-.28941	.25226	.28503	.33532
	GRADIENT	-.00000	-.00086	.00024	-.00209	-.00319	-.00218	-.00218	.02351	.02329	.03266

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.250	-3.986	.04782	-.26021	-.27501	-.25574	-.23216	-.23647	-.21499	-.00576	.00508	-.15249
.251	-2.079	.04761	-.25409	-.27094	-.25393	-.23264	-.23907	-.22200	.06311	.06519	-.08697
.251	-.007	.04722	-.25136	-.26176	-.25975	-.23636	-.24278	-.22575	.12508	.12064	-.01609
.252	1.932	.04728	-.25474	-.26298	-.26310	-.23979	-.24618	-.22921	.17387	.16936	.04810
.253	3.917	.04702	-.25512	-.26535	-.26548	-.24246	-.24878	-.23202	.21009	.20556	.10702
.254	5.951	.04749	-.26714	-.26684	-.27327	-.25030	-.25240	-.23568	.24337	.24088	.15945
.253	7.977	.04765	-.28345	-.28314	-.28327	-.26019	-.26019	-.24128	.27389	.26291	.20437
.252	10.002	.04759	-.30344	-.30523	-.29047	-.26719	-.25654	-.24172	.27810	.28614	.25058
.251	11.976	.04770	-.33239	-.32344	-.30856	-.28292	-.26572	-.25077	.28883	.29908	.28688
.252	13.990	.04751	-.35792	-.35327	-.32139	-.29805	-.26814	-.26182	.28096	.29755	.31964
.253	16.030	.04821	-.38307	-.38018	-.32733	-.31052	-.27021	-.26394	.27081	.30213	.34318
	GRADIENT	-.00010	.00048	.00138	-.00145	-.00140	-.00160	-.00208	.02737	.02549	.03301

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.399	-1.885	.08248	-.25064	-.25814	-.26057	-.23662	-.23970	-.22557	.07525	.08462	-.06997
.399	.013	.08249	-.25170	-.25801	-.26276	-.23893	-.24316	-.22910	.13083	.13549	-.00435
.401	1.980	.08196	-.24916	-.25427	-.26595	-.24110	-.24761	-.23479	.17729	.17845	.05687
.400	3.996	.08186	-.25966	-.26135	-.27426	-.24930	-.25234	-.24063	.21742	.21858	.11626
.401	5.974	.08179	-.27515	-.26997	-.27825	-.25330	-.25402	-.24347	.25117	.25001	.16872
.400	8.006	.08143	-.29223	-.28479	-.29081	-.26225	-.26413	-.24655	.27333	.27566	.21738
.401	10.007	.08146	-.30973	-.29783	-.29693	-.27200	-.26225	-.25056	.28821	.29517	.26158
.400	12.047	.08106	-.33758	-.32226	-.31558	-.28699	-.26901	-.25493	.29273	.30322	.29625
.399	14.037	.08164	-.36401	-.34647	-.32933	-.30298	-.27208	-.26264	.28873	.30743	.32733
.399	16.028	.08161	-.39938	-.37739	-.33696	-.31295	-.27154	-.26327	.28668	.31120	.35913
	GRADIENT	-.00012	-.00126	-.00031	-.00227	-.00206	-.00216	-.00260	.02409	.02266	.03160

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.600	-1.874	-.04319	-.27347	-.27367	-.28427	-.25533	-.25901	-.24757	.09082	.09702	-.05936
.600	.028	-.04294	-.27323	-.27033	-.28765	-.25713	-.25926	-.25194	.14407	.14769	.00203
.601	2.030	-.04326	-.27490	-.26894	-.29086	-.26248	-.26769	-.25318	.19469	.19314	.06698
.601	4.126	-.04440	-.28192	-.27599	-.29745	-.26902	-.27268	-.25970	.23511	.23357	.12737
.602	6.079	-.04259	-.29423	-.28377	-.30107	-.27273	-.27483	-.26035	.26479	.26531	.18206
.602	8.055	-.04281	-.31394	-.29899	-.31326	-.28337	-.27980	-.26481	.28982	.28982	.22974
.601	10.054	-.04134	-.33694	-.31795	-.32459	-.29356	-.28430	-.26823	.30814	.31020	.27674
.601	12.077	-.04001	-.36323	-.33927	-.33979	-.30876	-.28714	-.27314	.31306	.32026	.31309
.600	14.076	-.03673	-.39385	-.36846	-.35462	-.32401	-.29302	-.27847	.31788	.33027	.34578
.600	16.039	-.03301	-.43464	-.40224	-.36833	-.33923	-.29375	-.28332	.30413	.32891	.37439
	GRADIENT	-.00020	-.00137	-.00030	-.00214	-.00233	-.00248	-.00189	.02413	.02272	.03124

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.700	-2.035	-.00730	-.27874	-.28092	-.28972	-.26299	-.25756	-.25373	.10284	.11613	-.05415
.699	.139	-.01408	-.27662	-.27672	-.29294	-.26632	-.27082	-.25791	.16712	.17084	.02112
.700	2.072	-.00653	-.27950	-.27756	-.29581	-.26718	-.26466	-.26044	.21251	.21086	.08011
.701	4.008	.00230	-.28542	-.28146	-.30176	-.27483	-.27683	-.26521	.24712	.24794	.13599
.701	6.043	-.00304	-.30467	-.29176	-.30841	-.28185	-.28054	-.26767	.27997	.28162	.19219
.701	8.045	-.00475	-.32097	-.30734	-.31908	-.29292	-.28130	-.27255	.30671	.30630	.24286
.701	10.045	.01324	-.34443	-.32727	-.33083	-.30222	-.28978	-.27529	.32348	.32760	.29225
.699	12.024	.00462	-.37618	-.35330	-.34785	-.31822	-.27590	-.27829	.33394	.34180	.33149
.699	14.070	.01986	-.41150	-.38634	-.36693	-.33851	-.29823	-.28695	.34140	.35050	.36378
.698	16.050	.03820	-.45052	-.42140	-.38048	-.35489	-.30126	-.29287	.32619	.35479	.39213
	GRADIENT	.00176	-.00112	-.00010	-.00194	-.00180	-.00260	-.00184	.02391	.02175	.03141

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.800	-3.954	.04038	-.28721	-.29384	-.29259	-.26672	-.26672	-.25536	.08367	.08494	-.09401
.800	-1.973	.04221	-.27874	-.28641	-.29000	-.26449	-.26692	-.25661	.14881	.14477	-.02457
.800	-.059	.04052	-.27596	-.28261	-.29142	-.26689	-.26794	-.25830	.19320	.19219	.04312
.800	1.946	.03434	-.28079	-.28501	-.29557	-.27137	-.27067	-.26102	.24553	.23713	.11100
.800	3.976	.03163	-.29282	-.29494	-.30584	-.28098	-.27681	-.26788	.28585	.27461	.17206
.799	6.001	.03136	-.31679	-.31368	-.32043	-.29451	-.28756	-.27722	.31566	.30991	.22717
.800	7.989	.03248	-.34893	-.34163	-.34490	-.31765	-.30654	-.29414	.33743	.33580	.27133
.800	9.976	.03421	-.38739	-.37475	-.37422	-.34419	-.32613	-.31234	.35981	.35502	.32080
.800	12.010	.03508	-.42886	-.41107	-.39911	-.36840	-.33749	-.32788	.37117	.36982	.35928
.800	14.004	.03785	-.46889	-.44863	-.42383	-.39243	-.35249	-.33907	.37678	.38062	.39269
.800	15.992	.04120	-.51502	-.48635	-.44521	-.41135	-.36476	-.35027	.36780	.38693	.42478
	GRADIENT	-.00129	-.00069	-.00006	-.00163	-.00180	-.00122	-.00149	.02532	.02383	.03375

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.850	-4.019	.09121	-.26321	-.27648	-.26983	-.24834	-.24123	-.23454	.11447	.11624	-.06633
.849	-2.012	.03418	-.25594	-.26859	-.26839	-.24718	-.24362	-.23530	.17638	.17287	.00309
.850	-.045	.09397	-.25591	-.26727	-.27290	-.25167	-.24455	-.24108	.22374	.22046	.07105
.850	1.982	.03182	-.26876	-.27980	-.28900	-.26711	-.26355	-.25554	.27347	.26298	.13657
.850	3.930	.03660	-.29678	-.30421	-.31436	-.29255	-.28738	-.27811	.31032	.29882	.19481
.850	5.964	.09852	-.33941	-.34875	-.35117	-.32742	-.32483	-.31459	.33609	.33582	.24930
.850	7.991	.10075	-.40217	-.42568	-.40258	-.39080	-.37333	-.36828	.36221	.36028	.29642
.850	9.991	.10357	-.46779	-.50284	-.46266	-.46224	-.41826	-.41905	.38391	.38000	.34439
.850	12.013	.04696	-.51622	-.55248	-.50042	-.50551	-.44286	-.44656	.39768	.39697	.38375
.849	14.018	.05126	-.54545	-.57949	-.52994	-.53731	-.46709	-.47340	.40100	.40706	.41683
.850	16.010	.05727	-.56203	-.59512	-.54745	-.55517	-.49426	-.49994	.39204	.41268	.44938
	GRADIENT	-.00564	-.00401	-.00334	-.00551	-.00544	-.00564	-.00539	.02458	.02289	.03297

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.899	-1.933	.13339	-.12392	-.11757	-.12571	-.10588	-.13184	-.11706	.21733	.22244	.04950
.900	-.054	.09408	-.19309	-.18623	-.19648	-.17321	-.19577	-.17313	.26169	.26470	.11000
.900	1.933	.12022	-.32704	-.31342	-.28010	-.25998	-.26255	-.23897	.30560	.30379	.17094
.900	3.933	.07374	-.55099	-.51976	-.39930	-.36487	-.34141	-.31394	.34177	.33605	.22751
.900	5.933	.08423	-.68349	-.66776	-.51023	-.46960	-.40450	-.37761	.37300	.37000	.28102
.899	7.938	.11119	-.80261	-.78994	-.57170	-.52487	-.43430	-.42151	.39760	.40092	.32808
.900	9.976	.08633	-.86867	-.87623	-.67276	-.61557	-.51804	-.49712	.41495	.41375	.37438
.900	11.997	.06858	-.92431	-.93339	-.80804	-.72383	-.60120	-.58356	.42659	.42810	.41340
.900	14.015	.12082	-.98001	-.99181	-1.03893	-.98808	-.67987	-.65859	.43045	.43947	.44914
.900	15.994	.10687	-1.03632	-1.04665	-1.10858	-1.09372	-.75204	-.72860	.42356	.45518	.47963
.900	18.001	.11208	-1.07513	-1.09019	-1.12992	-1.12619	-.79369	-.78319	.41398	.44799	.50403
	GRADIENT	-.00778	-.07248	-.06830	-.04624	-.04415	-.03552	-.03354	.02129	.01938	.03037

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.950	-3.991	.02209	-.52424	-.51506	-.50145	-.46823	-.43189	-.43203	.19803	.19856	.01721
.950	-2.011	.06000	-.53502	-.52439	-.51626	-.48189	-.45448	-.44858	.24941	.24696	.08274
.950	.026	.02621	-.57143	-.55934	-.54834	-.50479	-.48548	-.47383	.29876	.29278	.14844
.951	1.927	.02801	-.59136	-.59019	-.58785	-.54000	-.51146	-.49318	.34086	.33076	.20439
.950	3.960	.03426	-.61222	-.61822	-.63694	-.59169	-.53172	-.51171	.37377	.36649	.26299
.950	5.989	.03247	-.68596	-.67922	-.68527	-.65389	-.55645	-.53357	.40342	.39954	.31488
.950	7.985	.08217	-.76027	-.76585	-.74397	-.71864	-.59023	-.56503	.42545	.42296	.35965
.949	9.968	.08615	-.81174	-.81842	-.86322	-.82523	-.62747	-.60428	.44729	.44303	.40487
.950	12.032	.07405	-.84994	-.86206	-.94665	-.92892	-.66606	-.64463	.46060	.45862	.44507
.950	14.000	.01458	-.88722	-.90162	-.99376	-.97893	-.72636	-.70697	.46625	.47146	.47757
.950	15.959	.03634	-.93094	-.94587	-.93301	-1.02061	-.71296	-.77671	.45925	.47599	.51013
.950	18.010	.01165	-.95204	-.97800	-.85975	-1.05416	-.73855	-.82453	.45227	.47948	.53981
	GRADIENT	-.00039	-.01171	-.01371	-.01726	-.01537	-.01293	-.01028	.02233	.02115	.03091

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.978	-1.951	.03949	-.52256	-.51594	-.50981	-.47897	-.44548	-.43638	.27794	.28437	.11384
.979	.004	.02178	-.54653	-.53556	-.53793	-.50002	-.47180	-.45458	.32508	.32844	.17571
.980	1.929	.04838	-.55685	-.55127	-.57051	-.53037	-.49880	-.47658	.36612	.35942	.23267
.980	3.952	.02850	-.56914	-.57172	-.60779	-.56962	-.52438	-.49941	.40151	.39119	.28753
.980	5.970	.02823	-.60583	-.60807	-.63536	-.60940	-.54930	-.52346	.42770	.42770	.33876
.979	7.957	.02050	-.68815	-.67997	-.67174	-.65408	-.58040	-.55255	.45127	.45435	.38370
.977	9.994	.00535	-.73510	-.73947	-.75758	-.72685	-.61373	-.58946	.46975	.46667	.42753
.980	12.005	.06057	-.76138	-.77092	-.84658	-.82807	-.63764	-.62570	.48338	.49204	.46778
.977	13.977	-.01122	-.78195	-.79637	-.79115	-.88072	-.60192	-.65812	.48849	.49910	.50335
.978	16.022	.03146	-.80748	-.81534	-.89573	-.91967	-.66383	-.71698	.47984	.50836	.53022
.978	18.021	-.00828	-.82464	-.84344	-.82783	-.95250	-.68305	-.76801	.47456	.50799	.55847
	GRADIENT	-.00034	-.00764	-.00933	-.01664	-.01541	-.01343	-.01075	.02096	.01789	.02943

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.050	-4.011	-.04137	-.48993	-.47997	-.43821	-.41300	-.36184	-.36197	.30136	.30053	.12642
1.050	-2.006	-.03995	-.50410	-.49709	-.48105	-.45024	-.39672	-.39183	.34805	.34507	.18499
1.050	-.055	-.05610	-.50797	-.50716	-.52187	-.48929	-.43252	-.42409	.39064	.38493	.24389
1.050	1.946	-.05909	-.51029	-.51391	-.55494	-.52533	-.47858	-.46277	.42955	.41992	.29904
1.050	3.967	-.03072	-.53264	-.53239	-.57372	-.55004	-.52223	-.50022	.46139	.45348	.35254
1.050	5.950	-.02846	-.58353	-.58117	-.59765	-.57697	-.55098	-.53758	.48586	.48056	.39935
1.050	8.010	-.04364	-.62551	-.63345	-.65117	-.62575	-.59321	-.57359	.50871	.50424	.44310
1.050	9.991	-.02923	-.65557	-.66525	-.72524	-.70755	-.62031	-.60544	.52961	.52303	.48533
1.050	11.987	-.05063	-.68531	-.69763	-.77923	-.76215	-.65537	-.63961	.54097	.53733	.52214
1.050	14.029	-.04983	-.71377	-.72545	-.81019	-.79994	-.73261	-.69947	.54491	.54775	.55389
1.049	15.995	-.05507	-.74606	-.75949	-.83930	-.83053	-.82669	-.80567	.54008	.55355	.58426
1.050	17.990	-.04488	-.76310	-.78092	-.86034	-.85366	-.90237	-.90887	.53408	.55727	.61336
	GRADIENT	.00013	-.00461	-.00611	-.01731	-.01753	-.02023	-.01745	.02016	.01912	.02844

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.101	-1.969	.03297	-.42202	-.41401	-.40237	-.38047	-.32866	-.32825	.39203	.39947	.23446
1.099	.055	-.02458	-.42977	-.42578	-.43516	-.41139	-.36163	-.35892	.44006	.44264	.29478
1.099	2.012	-.02394	-.43261	-.43266	-.46965	-.44358	-.39958	-.39171	.46652	.46652	.34216
1.101	4.037	.03866	-.44440	-.44423	-.48464	-.46060	-.43068	-.41653	.49951	.50037	.39202
1.098	6.006	-.02105	-.49243	-.48938	-.51082	-.49241	-.47527	-.45790	.52418	.52734	.43560
1.101	8.047	.03911	-.52628	-.53342	-.54148	-.52714	-.50694	-.49168	.54381	.55064	.47780
1.098	10.017	-.03499	-.55649	-.56716	-.62071	-.59868	-.54231	-.53449	.55616	.56295	.52002
1.102	12.052	.02985	-.57421	-.58696	-.66235	-.65386	-.56892	-.56534	.57169	.57989	.55961
1.099	14.010	-.01494	-.59864	-.60984	-.70162	-.69248	-.62688	-.62638	.58186	.59205	.59324
1.100	16.025	.03519	-.61607	-.62596	-.72311	-.71394	-.73202	-.73629	.57486	.59634	.62128
1.100	18.045	.03500	-.62809	-.64453	-.74139	-.73389	-.81855	-.81686	.57208	.59976	.64614
	GRADIENT	.00089	-.00351	-.00489	-.01407	-.01364	-.01722	-.01490	.01748	.01636	.02604

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-3.934	.03267	-.38262	-.38000	-.34449	-.33266	-.27047	-.27614	.37260	.37555	.20238
1.150	-1.988	.03226	-.38701	-.38801	-.37707	-.36363	-.30082	-.30927	.41109	.41312	.25485
1.148	.000	.03353	-.38887	-.39661	-.40718	-.39249	-.34133	-.34510	.45010	.44704	.30448
1.150	1.998	.03197	-.39560	-.40831	-.43083	-.41846	-.38690	-.38787	.47987	.47732	.35556
1.150	4.013	.05268	-.41556	-.42958	-.45144	-.43971	-.43025	-.42428	.50936	.50538	.40348
1.150	6.026	.03196	-.45177	-.46701	-.45721	-.46239	-.45790	-.45441	.53534	.53324	.44901
1.149	8.010	.03001	-.48186	-.49927	-.51514	-.50476	-.48517	-.48114	.55387	.55314	.48766
1.149	10.080	.02214	-.50625	-.52610	-.57264	-.57403	-.50398	-.50973	.57234	.57213	.53005
1.150	12.022	.02363	-.52796	-.54854	-.61799	-.61105	-.54320	-.54756	.58561	.58842	.56519
1.146	14.094	.04003	-.55108	-.57066	-.64284	-.64202	-.59750	-.62291	.59042	.60191	.59563
1.147	16.036	.03201	-.57570	-.59521	-.66328	-.66360	-.69990	-.70907	.59020	.61197	.62976
1.149	18.044	.03111	-.58865	-.61755	-.68350	-.68467	-.75289	-.75314	.59092	.61790	.66102
	GRADIENT	.00201	-.00375	-.00602	-.01346	-.01352	-.02041	-.01886	.01721	.01628	.02529

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.199	-1.874	.06219	-.36522	-.35221	-.35707	-.33463	-.29625	-.29260	.42402	.42946	.26833
1.200	.013	.05093	-.36959	-.36235	-.38003	-.35763	-.33235	-.32600	.46009	.46335	.31524
1.199	2.024	.06468	-.37842	-.37447	-.39905	-.37821	-.36590	-.35735	.48922	.48949	.36475
1.198	4.065	.06276	-.40154	-.39528	-.42241	-.40070	-.40440	-.39039	.51882	.51528	.40980
1.200	5.985	.05268	-.42553	-.42213	-.44636	-.42408	-.43399	-.41727	.54014	.54177	.45160
1.198	8.062	.06082	-.45350	-.45298	-.48734	-.46098	-.45860	-.44354	.56497	.56850	.49427
1.198	10.072	.06415	-.47271	-.47556	-.53292	-.51651	-.48365	-.46938	.58085	.58004	.53476
1.198	12.020	.07192	-.48606	-.49522	-.56419	-.54988	-.51639	-.50181	.58840	.59900	.57188
1.201	13.911	.05199	-.50467	-.51312	-.58287	-.57018	-.58581	-.56663	.60342	.61237	.60647
1.199	16.059	.06624	-.52803	-.53907	-.60473	-.59661	-.65711	-.64329	.60836	.62985	.64325
1.200	18.069	.06521	-.54541	-.56032	-.62539	-.61399	-.68355	-.67273	.60813	.63826	.67117
	GRADIENT	.00081	-.00597	-.00714	-.01084	-.01103	-.01805	-.01637	.01579	.01428	.02389

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.301	-2.099	.02084	-.31445	-.29976	-.31089	-.28508	-.27802	-.25873	.43130	.44964	.27741
1.299	-.054	.02245	-.31244	-.31034	-.32552	-.30717	-.30638	-.28995	.46995	.48484	.32794
1.300	1.992	.01930	-.33141	-.32371	-.34008	-.32287	-.32463	-.31394	.50406	.51264	.37565
1.301	3.918	.02128	-.35352	-.34311	-.36327	-.34088	-.34633	-.33392	.52817	.53818	.41933
1.299	6.013	.02304	-.36857	-.36604	-.39436	-.37218	-.37301	-.36030	.55194	.56625	.46186
1.300	7.959	.02137	-.38595	-.38086	-.43441	-.40763	-.39268	-.38141	.57080	.58994	.50000
1.301	9.958	.02969	-.39694	-.39191	-.46617	-.44390	-.42575	-.40789	.58706	.60706	.54253
1.299	12.010	.03138	-.41331	-.40894	-.48537	-.46447	-.47717	-.44984	.59860	.62721	.58035
1.299	14.013	.03011	-.42348	-.42144	-.49786	-.48033	-.53609	-.51668	.61531	.64717	.61824
1.300	15.979	.02479	-.44176	-.44156	-.50870	-.49578	-.56683	-.55176	.62333	.66456	.65547
1.298	18.014	.02671	-.46423	-.47016	-.52792	-.51612	-.58510	-.57231	.62303	.66968	.68607
	GRADIENT	-.00009	-.00675	-.00712	-.00853	-.00911	-.01111	-.01243	.01618	.01461	.02357

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.401	-1.978	-.03899	-.26892	-.27143	-.26488	-.25436	-.24074	-.23320	.43220	.45142	.28535
1.401	.046	-.04466	-.27785	-.27897	-.27388	-.26936	-.25455	-.25676	.46790	.48314	.32505
1.399	1.976	-.04320	-.29572	-.29065	-.29741	-.28943	-.28007	-.27796	.49382	.51274	.37146
1.398	3.677	-.04274	-.30965	-.30780	-.31985	-.30517	-.29892	-.29019	.52022	.53949	.40952
1.400	5.875	-.04540	-.31950	-.32030	-.35449	-.33292	-.32350	-.31165	.54718	.56809	.45353
1.399	7.959	-.04244	-.32784	-.33241	-.38379	-.36671	-.35174	-.33609	.57295	.59797	.49939
1.401	9.928	-.04313	-.32684	-.34234	-.40218	-.39572	-.38270	-.36962	.58855	.61417	.54456
1.399	11.970	-.03625	-.33681	-.35261	-.41548	-.41246	-.43016	-.41911	.60337	.63149	.58220
1.400	13.987	-.03894	-.34588	-.36315	-.42548	-.42159	-.47368	-.46348	.62046	.65116	.61795
1.401	15.964	-.04001	-.36104	-.38103	-.42743	-.42784	-.49529	-.48621	.63281	.66560	.65474
1.398	17.979	-.03897	-.38428	-.39949	-.44761	-.44598	-.50323	-.49818	.63291	.67569	.68638
	GRADIENT	-.00051	-.00717	-.00618	-.00964	-.00884	-.01025	-.00987	.01489	.01507	.02148

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.550	-3.908	-.12939	-.25381	-.23776	-.21828	-.19690	-.17667	-.16536	.41897	.41883	.25960
1.550	-1.938	-.13664	-.23808	-.22580	-.23256	-.21683	-.20035	-.19090	.45273	.45221	.30372
1.549	.101	-.13415	-.24885	-.24036	-.24744	-.23362	-.22823	-.21690	.48029	.47815	.35287
1.549	2.006	-.13436	-.25926	-.24824	-.26195	-.23993	-.23961	-.22196	.50530	.50089	.38503
1.551	4.041	-.13181	-.27448	-.27041	-.28919	-.27066	-.26243	-.25334	.53540	.53030	.42528
1.550	6.042	-.13033	-.27984	-.28018	-.31767	-.30642	-.28456	-.27420	.56094	.55706	.47197
1.550	8.071	-.12786	-.28124	-.28761	-.32992	-.32532	-.30025	-.29813	.58493	.58448	.51331
1.550	10.068	-.12125	-.28250	-.29328	-.34658	-.33946	-.34643	-.33768	.60586	.60695	.55120
1.550	12.078	-.11810	-.29020	-.29591	-.36088	-.34966	-.38542	-.37288	.62570	.62801	.59325
1.549	14.111	-.12056	-.29037	-.29863	-.36496	-.35690	-.40602	-.39570	.64284	.64987	.63065
1.550	16.076	-.12176	-.29853	-.31056	-.36042	-.35743	-.41731	-.40952	.65405	.66580	.66882
	GRADIENT	-.00013	-.00315	-.00443	-.00863	-.00861	-.01063	-.01045	.01439	.01369	.02081

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.199	-1.834	1.95535	-.27962	-.27919	-.28047	-.25387	-.25996	-.25335	.01572	.08953	-.11240
.201	.185	2.04675	-.26026	-.26622	-.26748	-.24558	-.23232	-.24292	.07972	.15881	-.03573
.201	2.159	2.06043	-.26361	-.27386	-.27298	-.26173	-.24842	-.25690	.10766	.20420	.01540
.200	4.155	2.01016	-.25378	-.27906	-.26960	-.26695	-.25144	-.25993	.15684	.25140	.07517
.200	6.093	1.97849	-.26330	-.29299	-.27057	-.28086	-.25020	-.27596	.17453	.28450	.12279
.200	7.827	1.79194	-.27791	-.31856	-.27665	-.29780	-.25405	-.28205	.19138	.30816	.15895
.200	9.847	1.70553	-.29751	-.35782	-.28993	-.31326	-.27374	-.29096	.20928	.32193	.19847
.200	11.799	1.82293	-.31639	-.35949	-.29816	-.31930	-.25164	-.29050	.22249	.33942	.24200
.200	13.699	1.80752	-.34133	-.38889	-.30811	-.33574	-.25505	-.30041	.21707	.33836	.26908
.199	15.718	1.83309	-.36844	-.41851	-.32011	-.35653	-.26029	-.30365	.20054	.33316	.29406
	GRADIENT	.00897	.00373	-.00035	.00137	-.00277	.00049	-.00168	.02264	.02664	.03079

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.252	-2.013	1.92393	-.26083	-.25842	-.25428	-.22885	-.23950	-.22467	.03531	.10546	-.09045
.252	.002	2.04735	-.26083	-.25629	-.25428	-.23737	-.24163	-.23320	.08216	.16285	-.03290
.252	1.995	2.07041	-.24718	-.26176	-.25551	-.24715	-.24078	-.24087	.12452	.21760	.02258
.252	3.987	2.07997	-.24834	-.27150	-.25671	-.25471	-.24405	-.24627	.15682	.25660	.07797
.251	6.020	2.10500	-.25315	-.28726	-.25514	-.26603	-.24021	-.25321	.18150	.29503	.12779
.250	7.934	2.00625	-.25745	-.30231	-.26159	-.28324	-.24021	-.26182	.20301	.32294	.17085
.250	9.843	1.69448	-.29108	-.33609	-.26930	-.29321	-.24352	-.27170	.22958	.34778	.21677
.251	11.909	1.88358	-.30444	-.35351	-.27847	-.30656	-.24207	-.27442	.22650	.35484	.24816
.251	13.898	1.92431	-.32445	-.37972	-.29430	-.32442	-.24520	-.28384	.22363	.35359	.27519
.252	15.921	1.93182	-.35670	-.41591	-.30112	-.33962	-.24802	-.28434	.21420	.34141	.30173
	GRADIENT	.02461	.00256	-.00223	-.00043	-.00437	-.00064	-.00363	.02036	.02542	.02805

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.400	-1.936	2.04605	-.26524	-.25422	-.26708	-.23636	-.24290	-.23120	.03680	.11922	-.08626
.401	.022	2.05671	-.25452	-.25040	-.26206	-.24300	-.24373	-.23785	.08296	.17682	-.02712
.401	2.016	2.04142	-.25059	-.26148	-.26389	-.25180	-.24672	-.24663	.12968	.21772	.03238
.401	4.002	2.04299	-.24802	-.26815	-.26478	-.25197	-.24184	-.25447	.16426	.26608	.08673
.402	5.965	2.05162	-.25201	-.28334	-.25918	-.26911	-.23859	-.26045	.19826	.30460	.13701
.400	7.900	1.94379	-.26855	-.30279	-.26575	-.28203	-.24038	-.27049	.21629	.32903	.17912
.399	9.957	1.83495	-.28900	-.32468	-.27818	-.29837	-.24683	-.27357	.23297	.34972	.22248
.399	11.830	1.83907	-.30436	-.34017	-.28671	-.30839	-.24362	-.27388	.23752	.35900	.25624
.398	13.838	1.85170	-.33123	-.37211	-.29717	-.32252	-.24554	-.28306	.23889	.36236	.28831
.398	15.862	1.87864	-.35768	-.40346	-.31320	-.34563	-.25085	-.29077	.24045	.34962	.31319
	GRADIENT	-.00124	.00280	-.00368	.00095	-.00432	.00101	-.00397	.02376	.02430	.02981

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.600	-1.926	1.95809	-.28386	-.26607	-.28907	-.25442	-.26120	-.24769	.04698	.13476	-.07798
.600	.080	1.95860	-.27525	-.26927	-.28659	-.26176	-.26027	-.25502	.10586	.19263	-.01759
.601	2.085	1.96682	-.27164	-.27543	-.28499	-.27260	-.26027	-.26327	.14282	.24336	.03972
.601	4.085	1.97066	-.26944	-.28554	-.28326	-.27965	-.25757	-.27136	.17960	.28402	.09524
.601	7.998	1.95717	-.28963	-.31974	-.28765	-.30723	-.27737	-.28808	.22863	.34758	.19364
.601	10.061	1.89968	-.31011	-.34348	-.29748	-.32017	-.26343	-.29116	.24650	.36768	.23724
.601	11.884	1.93373	-.33277	-.36937	-.31001	-.33734	-.26611	-.30004	.25948	.37864	.26621
.601	13.886	1.98200	-.35984	-.40174	-.32390	-.35430	-.26553	-.30615	.25789	.38373	.30124
.600	15.897	2.01520	-.39027	-.43913	-.33332	-.37359	-.26604	-.31241	.24591	.38335	.32913
.598	17.853	2.00446	-.42798	-.47051	-.34619	-.39543	-.26875	-.31583	.23074	.37495	.35112
	GRADIENT	.00229	.00234	-.00322	.00095	-.00432	.00054	-.00396	.02170	.02488	.02880

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.698	-1.959	2.00075	-.28992	-.27271	-.29517	-.26103	-.26887	-.25468	.06505	.15704	-.06673
.700	.082	1.98223	-.27789	-.27389	-.29128	-.26930	-.27007	-.26462	.12085	.21767	-.00358
.700	2.041	2.00788	-.27715	-.28343	-.28971	-.27638	-.26683	-.27003	.15977	.26128	.05373
.701	4.095	1.99505	-.27868	-.29523	-.28793	-.28782	-.26512	-.27900	.19596	.30292	.10959
.701	6.090	2.02958	-.28156	-.31213	-.29002	-.30187	-.26388	-.28931	.22255	.33830	.15995
.702	7.969	1.97410	-.29762	-.33315	-.29386	-.31843	-.26489	-.29806	.24555	.36762	.20734
.702	10.040	1.87970	-.32165	-.35851	-.30703	-.33401	-.27025	-.30133	.26376	.38855	.25229
.700	11.880	1.90655	-.34861	-.38706	-.31967	-.35050	-.27851	-.30812	.27914	.40218	.28949
.700	13.862	1.93882	-.37444	-.42206	-.33420	-.37118	-.27449	-.31767	.28054	.40797	.32016
.700	15.860	1.95279	-.41102	-.46418	-.34720	-.39032	-.27718	-.32074	.27172	.40855	.35254
.700	17.910	1.97817	-.44717	-.49692	-.35996	-.41349	-.27738	-.32309	.25364	.40314	.37674
	GRADIENT	.00039	.00171	-.00383	.00116	-.00435	.00072	-.00390	.02145	.02392	.02913

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.800	-3.939	2.03094	-.30175	-.27648	-.30156	-.25593	-.27848	-.24943	.04966	.13061	-.10615
.800	-2.045	2.07342	-.28969	-.27687	-.29752	-.26321	-.27261	-.25668	.10125	.18899	-.04184
.800	.000	2.05554	-.27921	-.28169	-.29154	-.27050	-.26772	-.26434	.15281	.24198	.02469
.799	1.978	2.05768	-.27548	-.29115	-.29024	-.28170	-.26468	-.27277	.19628	.28747	.08379
.800	3.989	2.08144	-.27942	-.30760	-.29037	-.29607	-.26236	-.28332	.23246	.32951	.13909
.800	6.006	2.10920	-.29254	-.33384	-.29687	-.31819	-.26475	-.30025	.25231	.36581	.18616
.800	7.947	2.06394	-.31735	-.37010	-.31161	-.34857	-.27357	-.32264	.27707	.39855	.23349
.800	10.017	1.85387	-.35734	-.41070	-.33909	-.37882	-.29971	-.34389	.29944	.41801	.27917
.800	11.941	1.88748	-.39377	-.45398	-.36408	-.40933	-.31781	-.36266	.31134	.43395	.31157
.800	13.904	1.91571	-.42756	-.49468	-.38259	-.43306	-.32833	-.37459	.31386	.44274	.34671
.800	15.895	1.91011	-.46312	-.53227	-.40048	-.45372	-.33862	-.38139	.30718	.44329	.37920
.798	17.981	1.94270	-.50466	-.57303	-.41415	-.47708	-.34885	-.38801	.29296	.44128	.40858
.798	18.963	1.95260	-.50133	-.58522	-.41694	-.47625	-.34866	-.38738	.28366	.43824	.42126
	GRADIENT	.00425	.00295	-.00386	.00149	-.00497	.00202	-.00422	.02316	.02495	.03099

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.849	-3.974	2.05947	-.28471	-.26263	-.28291	-.23978	-.25345	-.23141	.07385	.16011	-.08107
.850	-2.002	2.09662	-.26603	-.26220	-.27393	-.24567	-.24729	-.23801	.13026	.21669	-.01528
.851	-.034	2.11406	-.26027	-.27001	-.27142	-.25700	-.24504	-.25030	.17867	.26778	.04771
.851	1.965	2.12168	-.26580	-.28678	-.27981	-.27673	-.25448	-.26909	.21784	.31174	.10604
.850	3.993	2.08435	-.28363	-.31631	-.29219	-.30302	-.27034	-.29309	.25378	.35312	.16072
.850	5.964	2.14451	-.31342	-.35864	-.32131	-.34281	-.29723	-.32605	.27586	.38861	.21008
.849	7.944	2.06393	-.36373	-.45909	-.36449	-.42520	-.34071	-.38714	.29855	.42174	.25471
.849	10.033	1.84843	-.43330	-.55154	-.41622	-.52486	-.38665	-.46125	.32507	.44304	.30134
.850	11.921	1.83561	-.48356	-.58682	-.46064	-.57053	-.42010	-.50665	.33234	.45669	.33290
.850	13.923	1.91607	-.52249	-.60805	-.49595	-.59209	-.44987	-.53071	.33827	.46666	.36931
.850	15.908	1.90609	-.54710	-.62876	-.52282	-.59662	-.47545	-.54237	.33146	.46892	.40237
.849	17.942	1.92925	-.57143	-.69017	-.53034	-.60860	-.49209	-.54308	.32146	.46913	.43244
	GRADIENT	.00372	.00010	-.00665	-.00124	-.00793	-.00207	-.00777	.02247	.02416	.03039

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.900	-3.941	2.05678	-.16160	-.09723	-.16058	-.09521	-.15366	-.10956	.11088	.19943	-.04471
.900	-2.084	2.07112	-.15107	-.12932	-.15097	-.12094	-.15410	-.12799	.16220	.24904	.01623
.900	-.046	2.11651	-.16949	-.22862	-.16482	-.19718	-.16704	-.17654	.20920	.29968	.07806
.900	1.976	2.08994	-.22327	-.48054	-.21522	-.32610	-.20347	-.26138	.25170	.34358	.13831
.900	3.982	2.10629	-.30544	-.61978	-.27877	-.48206	-.25302	-.34208	.28510	.38247	.19175
.899	5.913	2.16409	-.38105	-.72562	-.32402	-.57565	-.29241	-.39643	.30732	.41898	.23845
.900	7.882	2.02661	-.52964	-.82872	-.41297	-.73895	-.37874	-.48435	.32791	.44928	.28333
.900	10.011	1.84314	-.77028	-.89600	-.51978	-.89925	-.48625	-.56313	.35246	.47028	.32835
.900	11.896	1.82934	-.95008	-.94913	-.59718	-1.02031	-.58316	-.64822	.36349	.48648	.36254
.900	13.993	1.90688	-.99978	-1.00152	-.67391	-1.08242	-.67210	-.73379	.36686	.49763	.39878
.900	15.923	1.87786	-1.05097	-1.05023	-.74250	-1.13031	-.72672	-.79943	.36253	.50129	.43101
.900	17.912	1.87469	-1.08179	-1.08740	-.79800	-1.15320	-.79990	-.81539	.35393	.50058	.46258
	GRADIENT	.00589	-.01819	-.07038	-.01519	-.04933	-.01252	-.03015	.02198	.02313	.02988

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.950	-4.053	2.03607	-.54155	-.53178	-.51674	-.47519	-.44549	-.43152	.15470	.24105	-.00327
.949	-1.984	2.10660	-.51679	-.54862	-.51649	-.51790	-.45922	-.46631	.20449	.29328	.06058
.949	-.008	2.07007	-.50973	-.55633	-.52765	-.56841	-.48046	-.50811	.25121	.33941	.11996
.951	2.023	2.04860	-.53016	-.57397	-.52812	-.60620	-.49811	-.55393	.28461	.38104	.17726
.950	3.944	2.10564	-.58387	-.61467	-.53052	-.63369	-.50598	-.59958	.32127	.41707	.22662
.950	6.031	2.08938	-.64860	-.69607	-.55337	-.67767	-.50979	-.65279	.34366	.45214	.27436
.950	7.948	1.99201	-.74761	-.75638	-.60481	-.76978	-.52017	-.69519	.36553	.48423	.31984
.951	9.957	1.96853	-.82168	-.80385	-.70354	-.87239	-.55326	-.73904	.38587	.50554	.36104
.950	11.951	1.82302	-.86635	-.85138	-.87075	-.93051	-.60758	-.79250	.39970	.51684	.40086
.949	13.889	1.89959	-.90199	-.89185	-.98846	-.84061	-.66830	-.67980	.40453	.53161	.43433
.950	15.961	1.95515	-.94348	-.93619	-1.03766	-.90439	-.73741	-.72032	.39788	.53554	.46350
.950	17.916	1.94772	-.97000	-.91835	-1.07373	-.79323	-.79669	-.72748	.38893	.53290	.49563
	GRADIENT	.00406	-.00482	-.00953	-.00196	-.02028	-.00800	-.02117	.02067	.02200	.02883

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.976	-2.013	1.94347	-.49553	-.50441	-.48412	-.48805	-.43786	-.44107	.23017	.32337	.08813
.979	.038	2.03645	-.51149	-.52182	-.50874	-.53774	-.46128	-.48928	.27882	.37535	.15216
.979	1.975	2.07030	-.53860	-.53461	-.52915	-.56754	-.48562	-.53303	.31312	.41336	.20260
.979	3.999	2.05086	-.57087	-.56259	-.54856	-.59623	-.50654	-.57804	.34694	.44210	.25237
.981	6.014	2.10355	-.59979	-.61895	-.56498	-.62729	-.50796	-.61827	.37214	.47768	.30088
.980	7.954	2.02127	-.66463	-.68840	-.60040	-.69078	-.51047	-.65259	.39344	.51014	.34406
.980	9.914	1.92413	-.74616	-.72519	-.66638	-.77833	-.53026	-.67678	.41299	.52903	.38423
.982	12.005	1.93101	-.78220	-.75195	-.78971	-.83285	-.56329	-.67593	.42256	.54106	.42260
.980	13.912	1.93635	-.80709	-.77800	-.90003	-.82412	-.60534	-.63511	.42600	.55073	.45491
.980	15.939	1.94520	-.83023	-.80409	-.94363	-.87944	-.65420	-.68478	.42589	.55984	.48367
.979	17.970	1.96969	-.85643	-.83106	-.97803	-.84949	-.71894	-.72428	.41482	.56027	.50802
	GRADIENT	.01787	-.01266	-.00938	-.01070	-.01775	-.01153	-.02277	.01927	.01974	.02720

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.049	-4.003	1.89573	-.48757	-.46109	-.43943	-.42841	-.37078	-.37859	.25689	.33637	.10302
1.050	-1.958	1.95303	-.49219	-.47128	-.45285	-.46402	-.38825	-.42687	.30458	.38792	.16443
1.050	-.003	2.00471	-.51052	-.47954	-.47442	-.49419	-.41043	-.47630	.34688	.43132	.21802
1.050	2.027	2.00477	-.52385	-.49762	-.50375	-.51878	-.43333	-.52013	.37700	.46867	.27107
1.050	4.028	2.01448	-.53470	-.53032	-.53675	-.53938	-.45809	-.55228	.40855	.50221	.31834
1.050	6.044	2.08477	-.55960	-.58269	-.56431	-.58115	-.47402	-.57928	.42911	.53347	.36014
1.050	8.002	2.01184	-.62233	-.61551	-.59953	-.65862	-.48899	-.60888	.44744	.56017	.40194
1.050	10.020	2.03389	-.67618	-.65168	-.67697	-.71954	-.51865	-.66452	.46651	.58417	.43996
1.050	11.946	1.93586	-.69901	-.68264	-.76750	-.76077	-.55339	-.75303	.48011	.59555	.47366
1.049	13.924	1.96242	-.72596	-.71398	-.81702	-.79401	-.59112	-.85057	.48630	.60542	.50771
1.050	15.950	1.99986	-.75532	-.74865	-.84367	-.82068	-.63918	-.90477	.47874	.61231	.53806
1.051	17.949	2.00207	-.77553	-.76767	-.87044	-.84280	-.69217	-.93939	.47435	.61289	.56868
	GRADIENT	.01442	-.00628	-.00822	-.01225	-.01380	-.01096	-.02198	.01874	.02057	.02680

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.098	-1.979	1.93984	-.40941	-.38446	-.37880	-.37586	-.32088	-.34199	.34881	.43943	.21091
1.101	.040	2.03548	-.41795	-.38997	-.39228	-.39838	-.33523	-.37695	.38573	.48049	.26214
1.101	2.035	2.06642	-.43083	-.40289	-.41406	-.42297	-.35376	-.41506	.41644	.51386	.31424
1.099	4.029	2.01599	-.44266	-.43068	-.44647	-.44993	-.38204	-.45665	.44447	.54127	.35674
1.099	6.084	2.04144	-.46194	-.47916	-.47219	-.48356	-.39724	-.48459	.47075	.57048	.39713
1.097	7.996	1.99455	-.52436	-.52072	-.50683	-.54224	-.41425	-.51542	.48951	.59796	.43915
1.098	10.037	2.03451	-.57862	-.54671	-.57412	-.61256	-.44532	-.55445	.49706	.61802	.47558
1.102	11.854	1.86207	-.59857	-.56431	-.65754	-.64876	-.47726	-.60709	.51561	.62814	.51369
1.098	13.940	1.97139	-.61791	-.58874	-.71023	-.68515	-.50797	-.72039	.52286	.63914	.54731
1.101	15.878	1.91212	-.63039	-.60844	-.73284	-.70410	-.54147	-.77823	.52242	.64605	.57596
1.100	17.905	1.93313	-.64825	-.63036	-.75880	-.72634	-.58944	-.82897	.51924	.64935	.60812
1.100	19.879	.30769	-.66758	-.67155	-.75001	-.74362	-.85394	-.84912	.56971	.59547	.67848
	GRADIENT	.01300	-.00562	-.00757	-.01122	-.01233	-.01009	-.01908	.01587	.01693	.02446

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-3.944	2.00688	-.38296	-.34740	-.33136	-.32482	-.26421	-.29112	.33209	.41512	.18225
1.149	-1.937	2.01399	-.39253	-.35775	-.34896	-.35193	-.28395	-.33330	.36975	.45674	.23231
1.150	.036	2.02871	-.40182	-.37020	-.37510	-.37696	-.30529	-.37263	.40573	.49321	.28075
1.150	2.026	2.06033	-.40492	-.39341	-.40468	-.40072	-.32881	-.40418	.43232	.52601	.32682
1.150	4.020	2.04605	-.40839	-.42755	-.43165	-.42822	-.34986	-.43313	.46139	.55579	.36961
1.149	6.066	2.04735	-.43235	-.45810	-.45217	-.46883	-.36958	-.45616	.48004	.58321	.41067
1.150	7.932	1.98545	-.48733	-.47623	-.48454	-.52643	-.39335	-.47654	.49613	.60821	.45035
1.149	9.882	1.89758	-.52866	-.50246	-.55292	-.56743	-.43338	-.52125	.51684	.62570	.48901
1.149	11.917	1.87358	-.55203	-.52639	-.62170	-.60080	-.47666	-.60574	.53247	.64144	.52338
1.148	13.894	1.90700	-.57433	-.55372	-.65805	-.62968	-.49771	-.67947	.53989	.65337	.55841
1.150	15.889	1.91221	-.59421	-.57939	-.67728	-.65025	-.53750	-.72306	.54139	.66127	.59262
1.150	17.908	1.93465	-.61699	-.59580	-.69839	-.66923	-.59412	-.75294	.53915	.66643	.62307
	GRADIENT	.00627	-.00318	-.00985	-.01288	-.01285	-.01087	-.01784	.01615	.01763	.02359

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.197	-1.990	2.04311	-.38848	-.32521	-.35173	-.32011	-.28238	-.30400	.37796	.47301	.23814
1.199	.070	2.04395	-.39022	-.34108	-.37528	-.34200	-.30562	-.33562	.41632	.50997	.29041
1.198	2.066	2.05053	-.39189	-.36497	-.40311	-.36922	-.33466	-.36767	.44001	.53482	.33275
1.198	4.019	2.06599	-.39330	-.39677	-.41897	-.40028	-.35128	-.39541	.46616	.56179	.37192
1.198	6.032	2.08807	-.41184	-.42547	-.43553	-.44266	-.37482	-.42359	.48756	.59194	.41395
1.201	7.929	2.02582	-.44738	-.44358	-.45533	-.48872	-.39637	-.44551	.50853	.62233	.45602
1.197	10.006	1.81744	-.47335	-.46725	-.51669	-.52939	-.43978	-.49335	.52017	.63529	.49579
1.197	11.894	1.85774	-.49364	-.48792	-.55847	-.55179	-.46588	-.55506	.54063	.65338	.53280
1.202	13.907	1.90837	-.51164	-.50713	-.58490	-.56843	-.49249	-.61525	.55019	.66668	.56786
1.199	15.883	1.90826	-.53652	-.53376	-.60556	-.59309	-.55169	-.65218	.54952	.67606	.59656
1.198	17.907	1.90941	-.56406	-.55495	-.62684	-.61407	-.64078	-.67611	.55258	.68782	.63330
	GRADIENT	.00374	-.00080	-.01189	-.01147	-.01336	-.01178	-.01530	.01441	.01455	.02217

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	-1.965	1.97817	-.33182	-.27072	-.31669	-.26688	-.26215	-.25863	.39317	.49611	.25594
1.298	.020	2.02979	-.33617	-.29230	-.33858	-.29080	-.28861	-.28537	.42444	.53210	.30452
1.299	1.979	2.06454	-.33912	-.31573	-.34299	-.31343	-.30404	-.30794	.45355	.56236	.34506
1.299	4.006	2.04174	-.34898	-.34170	-.36666	-.34919	-.33152	-.33425	.47995	.59165	.38738
1.301	6.040	2.10263	-.37659	-.37001	-.38972	-.39706	-.36611	-.36456	.50027	.61662	.42942
1.299	7.952	2.02213	-.38630	-.37405	-.39869	-.43010	-.37387	-.40293	.52770	.64081	.47707
1.299	9.998	2.00536	-.40547	-.38968	-.45578	-.45185	-.41062	-.44897	.54521	.65646	.51617
1.301	11.905	1.88984	-.40135	-.40320	-.47673	-.46387	-.42393	-.49585	.57018	.67261	.55794
1.301	13.902	1.92981	-.41603	-.41826	-.49679	-.47937	-.47403	-.53004	.58178	.68963	.59497
1.300	15.964	1.95750	-.43288	-.43462	-.50665	-.48770	-.54620	-.54916	.58523	.70240	.62827
1.299	17.930	1.96522	-.45276	-.44693	-.52071	-.50753	-.58457	-.57610	.58714	.71237	.65852
	GRADIENT	.01129	-.00274	-.01190	-.00777	-.01357	-.01125	-.01255	.01456	.01594	.02188

OA232 AEDC 16T TF431 LA .2P/S RA .2A (MVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.399	-3.951	1.92708	-.30587	-.23370	-.27453	-.21880	-.20637	-.19883	.35703	.45673	.21453
1.399	-2.062	1.98129	-.29668	-.24035	-.29235	-.22809	-.24233	-.21674	.38988	.49311	.26116
1.399	-.026	1.97470	-.28793	-.25979	-.29647	-.25242	-.26870	-.24213	.41553	.52637	.29955
1.399	2.010	1.98051	-.29117	-.27919	-.29857	-.28081	-.27977	-.26275	.44318	.55823	.34194
1.401	4.008	2.00170	-.30434	-.29045	-.31445	-.30787	-.29448	-.28350	.46767	.59027	.38063
1.400	6.040	2.10302	-.32288	-.30846	-.33610	-.35135	-.32317	-.32334	.49468	.61609	.41935
1.400	8.038	2.10702	-.33979	-.31751	-.35716	-.37433	-.33189	-.36357	.51951	.64245	.46711
1.400	10.115	1.94794	-.34808	-.33123	-.40566	-.38797	-.36291	-.40675	.55073	.66028	.51945
1.401	11.977	1.97140	-.35223	-.34261	-.42386	-.39927	-.39203	-.44208	.57123	.67368	.55637
1.399	13.972	2.00552	-.35768	-.35354	-.43484	-.40851	-.44228	-.46451	.58137	.68900	.59378
1.400	15.995	2.01067	-.37368	-.37737	-.44155	-.42554	-.49693	-.47896	.58639	.69927	.62466
1.399	18.010	2.02016	-.38995	-.39316	-.45025	-.43911	-.51571	-.49600	.59116	.71217	.65504
	GRADIENT	.00737	.00041	-.00763	-.00429	-.01157	-.01066	-.01078	.01373	.01661	.02065

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.550	-3.884	1.77379	-.28875	-.20424	-.23664	-.18637	-.18986	-.15759	.37822	.46069	.23837
1.550	-1.889	1.84667	-.26832	-.21109	-.25170	-.20590	-.21477	-.18253	.40779	.49648	.27881
1.550	.100	1.85984	-.26321	-.22940	-.26147	-.22930	-.23057	-.20816	.43749	.52326	.32883
1.550	2.143	1.86100	-.25962	-.23940	-.25883	-.24406	-.24818	-.22323	.46063	.55243	.35634
1.550	4.161	1.87869	-.26276	-.25141	-.26450	-.28174	-.25734	-.26377	.48275	.58210	.39245
1.550	6.194	1.95135	-.28121	-.26323	-.28927	-.30585	-.26758	-.29931	.50180	.61291	.43794
1.550	8.107	2.01912	-.28743	-.26083	-.32657	-.31436	-.28804	-.32874	.52090	.64020	.46894
1.550	10.075	1.93643	-.28715	-.27073	-.34393	-.32669	-.31244	-.35909	.54554	.66077	.51080
1.549	11.895	1.99044	-.28853	-.27841	-.35465	-.33959	-.34689	-.37970	.56431	.68200	.54887
1.550	13.923	2.04652	-.29015	-.29333	-.36271	-.34612	-.39105	-.40320	.58100	.69989	.58525
1.549	15.882	2.09257	-.30010	-.30833	-.36700	-.35736	-.41370	-.40687	.59044	.71758	.62352
1.549	17.875	2.09671	-.32287	-.32825	-.37217	-.36473	-.42884	-.41343	.59488	.73312	.65884
	GRADIENT	.01111	.00301	-.00609	-.00312	-.01138	-.00836	-.01258	.01301	.01485	.01916

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (MVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.700	-1.945	-.21587	-.27886	-.28227	-.29145	-.26405	-.26608	-.25402	.12019	.11565	-.04285
.701	.002	-.17182	-.27689	-.27782	-.29441	-.26622	-.27071	-.25660	.17160	.16789	.02483
.702	2.035	-.12579	-.28100	-.27743	-.29771	-.26955	-.27444	-.26076	.21214	.21091	.08246
.702	4.113	-.08251	-.29035	-.28478	-.30509	-.27610	-.27933	-.26565	.25118	.25489	.14212
.703	6.181	-.03740	-.30771	-.29446	-.31312	-.28294	-.28369	-.26798	.28283	.29022	.19903
	GRADIENT	.02207	-.00193	-.00037	-.00220	-.00196	-.00215	-.00194	.02143	.02278	.03029

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.200	-1.708	.10331	-.26642	-.27478	-.28573	-.24907	-.25124	-.24267	.05394	.05605	-.09330
.200	.137	.10451	-.25797	-.26412	-.27500	-.24288	-.25148	-.24082	.10973	.11387	-.02574
.200	2.134	.10608	-.26700	-.27103	-.29713	-.25830	-.26480	-.25190	.14872	.15065	.03400
.200	4.213	.10742	-.27249	-.27651	-.29820	-.26383	-.26814	-.25961	.18911	.18880	.08996
.200	6.138	.10875	-.28872	-.28410	-.29501	-.26498	-.26713	-.25861	.23280	.23026	.14671
.201	8.137	.11107	-.28788	-.28331	-.30047	-.26869	-.26656	-.25388	.24851	.25659	.20182
.201	10.165	.11210	-.31621	-.30948	-.31814	-.28422	-.27145	-.26729	.26517	.27322	.23979
.202	12.171	.11333	-.33670	-.33001	-.33017	-.29655	-.27544	-.26709	.26704	.28345	.27778
.203	14.189	.11512	-.36993	-.35280	-.34459	-.31335	-.28403	-.28204	.26663	.28081	.30872
.203	16.176	.11651	-.40877	-.39583	-.36054	-.33358	-.28974	-.28985	.23833	.27542	.32622
	GRADIENT	.00070	-.00142	-.00066	-.00306	-.00306	-.00325	-.00316	.02243	.02194	.03079

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.396	-1.917	.07926	-.25496	-.26415	-.26902	-.23833	-.24189	-.23130	.06877	.07344	-.07831
.397	.032	.07939	-.25013	-.25573	-.26883	-.23830	-.24420	-.23249	.12853	.12718	-.00712
.397	1.999	.07942	-.25535	-.25742	-.27759	-.24470	-.25296	-.24007	.17406	.17144	.05496
.397	4.009	.07838	-.26340	-.26311	-.28091	-.24805	-.25512	-.24225	.21388	.21002	.11262
.397	6.022	.07849	-.27091	-.26826	-.28839	-.25675	-.26264	-.24979	.24342	.24185	.16350
.398	8.027	.07906	-.29099	-.28362	-.29903	-.26275	-.26275	-.25110	.27070	.26907	.21327
.398	10.028	.07938	-.31056	-.29966	-.31037	-.27296	-.26239	-.25192	.28692	.28878	.25775
.397	12.033	.07921	-.33604	-.32156	-.32290	-.28891	-.27243	-.26076	.28906	.29798	.29397
.397	14.026	.07911	-.36452	-.34881	-.33837	-.30435	-.27606	-.26791	.28854	.30335	.32530
.397	16.049	.08105	-.40077	-.37798	-.34873	-.30886	-.27470	-.27245	.27759	.30299	.35320
	GRADIENT	-.00013	-.00156	.00006	-.00225	-.00180	-.00245	-.00205	.02434	.02298	.03214

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.598	-2.039	-.04092	-.27449	-.27377	-.28274	-.25442	-.25698	-.24543	.08284	.09204	-.07465
.600	.111	-.04529	-.27279	-.27053	-.28720	-.25796	-.26206	-.25004	.14339	.14162	.00002
.600	2.039	-.04698	-.27338	-.26957	-.28879	-.25960	-.26420	-.25323	.19575	.18719	.06653
.600	3.993	-.04908	-.28111	-.27524	-.29552	-.26628	-.26832	-.25629	.23162	.22452	.12852
.600	6.000	-.04848	-.29318	-.28210	-.30143	-.27312	-.27516	-.26205	.26083	.25933	.17913
.601	8.000	-.04855	-.30995	-.29688	-.31145	-.28232	-.27868	-.26463	.28239	.28291	.22339
.600	10.064	-.04538	-.33499	-.31615	-.32306	-.29274	-.28185	-.26721	.30182	.30385	.27097
.599	12.040	-.04187	-.36106	-.33907	-.33409	-.30476	-.28452	-.27192	.31270	.31833	.30977
.599	14.029	-.03714	-.39071	-.36561	-.35082	-.32412	-.28991	-.27836	.30986	.32376	.34163
.599	16.077	-.03416	-.42986	-.39695	-.36561	-.33629	-.29326	-.28325	.30180	.32400	.37193
	GRADIENT	-.00131	-.00100	-.00015	-.00199	-.00185	-.00181	-.00179	.02495	.02214	.03378

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.700	-2.042	-.00816	-.27914	-.28131	-.29053	-.26053	-.26631	-.25319	.10863	.10642	-.05492
.700	.148	-.00991	-.27557	-.27609	-.29355	-.26357	-.26976	-.25624	.16429	.16156	.01783
.702	2.066	-.01194	-.28030	-.27712	-.29862	-.26834	-.27451	-.26104	.21266	.20534	.08487
.701	3.979	-.01170	-.28647	-.28040	-.30358	-.27202	-.27779	-.26512	.25410	.24135	.14470
.701	5.966	-.01104	-.30075	-.29137	-.30963	-.27970	-.28217	-.26867	.28480	.27609	.19965
.700	8.031	-.01014	-.31996	-.30603	-.32018	-.28903	-.28655	-.27183	.30652	.30312	.24327
.701	10.046	-.00879	-.34465	-.32658	-.33415	-.30095	-.29148	-.27510	.32873	.32323	.29352
.699	12.047	-.00423	-.37487	-.35221	-.35114	-.31708	-.29563	-.28170	.33747	.33647	.32822
.698	14.050	-.00098	-.40937	-.38324	-.36726	-.33343	-.29819	-.28419	.34159	.34555	.36341
.696	16.054	.00175	-.44898	-.41697	-.38396	-.35092	-.30150	-.29164	.32841	.34897	.39346
	GRADIENT	-.00064	-.00130	.00012	-.00220	-.00196	-.00195	-.00202	.02428	.02249	.03333

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.798	-1.998	.03057	-.27875	-.28574	-.29423	-.26688	-.26932	-.25863	.15134	.14381	-.02055
.800	.022	.03419	-.27642	-.28237	-.29639	-.26910	-.27188	-.26120	.19898	.19553	.04831
.800	1.984	.03678	-.28246	-.28563	-.30105	-.27374	-.27479	-.26446	.24873	.23929	.11542
.800	3.965	.03853	-.29361	-.29433	-.31010	-.28176	-.27968	-.26900	.28834	.27606	.17591
.800	5.997	.04188	-.32132	-.31403	-.32633	-.29800	-.29245	-.28109	.31571	.30823	.23009
.800	7.982	.04455	-.35062	-.34191	-.34833	-.31861	-.30853	-.29613	.34012	.33606	.27257
.800	10.011	.04803	-.39064	-.37668	-.37721	-.34576	-.32804	-.31599	.36134	.35655	.32475
.800	11.995	.05201	-.42952	-.41242	-.40324	-.37045	-.34302	-.33029	.37462	.37119	.36065
.799	13.998	.05841	-.46916	-.44886	-.42578	-.39156	-.35157	-.33986	.37793	.38143	.39351
.799	16.024	.06224	-.51681	-.48727	-.44834	-.41358	-.36356	-.35390	.36630	.38730	.42605
	GRADIENT	.00133	-.00254	-.00146	-.00263	-.00248	-.00171	-.00173	.02321	.02220	.03307

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.850	-1.977	-.01089	-.25476	-.26611	-.27045	-.24794	-.24244	-.23800	.17674	.17096	.01115
.850	-.062	-.01061	-.25759	-.26765	-.27683	-.25432	-.24980	-.24439	.22326	.21708	.07620
.849	1.935	-.01186	-.27123	-.27806	-.29114	-.26829	-.26472	-.25802	.27307	.25967	.13816
.850	3.949	-.00934	-.28694	-.30240	-.31483	-.29073	-.28750	-.27888	.31109	.30023	.19941
.850	5.957	-.00837	-.33932	-.34477	-.35301	-.32926	-.32505	-.31579	.33732	.33996	.25249
.850	7.985	-.00845	-.39989	-.42077	-.40482	-.39015	-.37367	-.36960	.36203	.35979	.29893
.850	10.024	-.00681	-.46716	-.50120	-.45979	-.45839	-.41253	-.41494	.38575	.38088	.34693
.850	11.988	-.00447	-.51596	-.54829	-.50405	-.50493	-.44461	-.44960	.39662	.39560	.38368
.849	14.000	-.00281	-.54869	-.57684	-.53802	-.53859	-.47266	-.47832	.40025	.40599	.41574
.850	16.025	-.00027	-.55462	-.58257	-.54554	-.54806	-.49030	-.49729	.39299	.41302	.45010
	GRADIENT	.00017	-.00698	-.00606	-.00748	-.00722	-.00761	-.00691	.02289	.02176	.03169

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.900	-1.980	.07470	-.12299	-.11858	-.13721	-.11201	-.14094	-.12454	.21171	.20619	.04273
.901	-.001	.07249	-.19100	-.18199	-.19392	-.16880	-.18885	-.16765	.25835	.25184	.10896
.900	1.973	.07069	-.28528	-.27347	-.25421	-.23282	-.22979	-.20653	.30472	.30086	.17092
.900	3.975	.10464	-.50415	-.45919	-.35496	-.32375	-.30486	-.28150	.33998	.32966	.22776
.900	5.969	.07693	-.68277	-.64953	-.45905	-.41847	-.37737	-.35498	.36743	.36253	.28090
.900	7.987	.07942	-.81891	-.80652	-.53424	-.48917	-.44234	-.42242	.39171	.38859	.32871
.900	9.981	.11112	-.88440	-.89293	-.60588	-.56016	-.52025	-.50489	.41461	.41022	.37407
.899	11.999	.10889	-.94070	-.95192	-.70769	-.65620	-.60895	-.59392	.42458	.42504	.41147
.900	13.996	.07874	-.98555	-1.00159	-.94722	-.85928	-.68315	-.66143	.43055	.43617	.44428
.900	16.018	.07892	-1.03757	-1.05200	-1.12541	-1.11042	-.76841	-.74678	.42201	.44188	.47585
.900	18.047	.07420	-1.07346	-1.09729	-1.07255	-1.15427	-.80498	-.79765	.41290	.44314	.50514
	GRADIENT	.00445	-.06244	-.05616	-.03598	-.03526	-.02686	-.02571	.02173	.02113	.03110

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.949	-1.982	.05388	-.53671	-.52720	-.52166	-.48346	-.45744	-.45124	.25158	.24452	.08603
.948	-.011	.07757	-.57028	-.55784	-.55202	-.50453	-.48774	-.47663	.29552	.28808	.14778
.950	1.936	.02827	-.59072	-.59097	-.59585	-.54365	-.51596	-.49797	.34126	.32829	.20792
.949	3.980	.08601	-.61214	-.61843	-.64296	-.59272	-.53670	-.51493	.37668	.36420	.26455
.950	5.987	.08375	-.68216	-.67597	-.68956	-.65349	-.56197	-.53617	.40459	.40358	.31677
.950	7.949	.08474	-.75917	-.76243	-.74574	-.71634	-.59447	-.56694	.42749	.42241	.36106
.949	10.002	.08931	-.81104	-.81685	-.86573	-.82106	-.63301	-.60665	.44723	.44239	.40709
.947	12.001	.07577	-.85082	-.86413	-.95336	-.93121	-.67007	-.64598	.46007	.45578	.44447
.951	14.039	.01313	-.88575	-.90011	-.99932	-.97787	-.72600	-.71011	.46668	.46987	.47712
.950	15.942	.03737	-.92848	-.94365	-.93486	-1.01999	-.71459	-.77709	.46083	.47439	.50960
.952	18.019	.00882	-.94778	-.97908	-.87143	-1.04773	-.73774	-.81932	.45425	.47963	.54028
	GRADIENT	.00246	-.01243	-.01546	-.02057	-.01852	-.01340	-.01070	.02121	.02012	.03002

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.980	-2.081	.00937	-.55339	-.54657	-.51640	-.49039	-.44667	-.44417	.27582	.27420	.10244
.980	.046	.03264	-.56705	-.56080	-.55527	-.52435	-.47743	-.47018	.31903	.31789	.17332
.980	2.007	.03323	-.57513	-.57585	-.60046	-.56283	-.51419	-.49603	.36451	.36105	.23154
.980	3.910	.03541	-.59307	-.59713	-.63328	-.60398	-.54598	-.52385	.39637	.39451	.28578
.979	5.939	.03090	-.65239	-.64720	-.66098	-.64459	-.57802	-.55004	.42510	.42514	.33622
.980	7.962	.03477	-.71686	-.72306	-.70897	-.69597	-.61521	-.58500	.44793	.44458	.38148
.980	9.950	.00029	-.76118	-.76736	-.80909	-.78191	-.64979	-.62096	.46911	.46376	.42724
.980	12.006	.00981	-.79620	-.80851	-.87773	-.87320	-.67118	-.66101	.48224	.47965	.46604
.980	13.993	-.01562	-.83234	-.84488	-.76307	-.92175	-.64036	-.69995	.48794	.48096	.50276
.980	16.016	-.02645	-.87134	-.88496	-.82104	-.96020	-.68273	-.76712	.48511	.49727	.53566
.980	18.015	.01322	-.89387	-.91603	-.94238	-.98739	-.77328	-.83672	.47356	.50066	.56809
	GRADIENT	.00401	-.00636	-.00834	-.01985	-.01899	-.01677	-.01327	.02044	.02028	.03054

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.050	-1.963	-.03566	-.50381	-.49635	-.47677	-.45005	-.39838	-.39221	.35141	.34691	.18547
1.049	-.011	-.05021	-.50780	-.50804	-.51871	-.49082	-.43676	-.42761	.38917	.38489	.24517
1.049	1.940	-.05442	-.51043	-.51542	-.55078	-.52434	-.48030	-.46338	.42748	.42134	.30052
1.050	3.965	-.02538	-.53040	-.53211	-.56922	-.54816	-.52435	-.49971	.46061	.45441	.35369
1.049	5.981	-.01991	-.58366	-.58356	-.59251	-.57590	-.56424	-.53629	.48761	.48312	.40080
1.050	7.988	-.03590	-.62377	-.63223	-.64209	-.61961	-.59609	-.57173	.50897	.50564	.44222
1.050	10.014	-.02505	-.65672	-.66605	-.71888	-.70536	-.62612	-.60472	.52813	.52298	.48666
1.049	12.002	-.00521	-.68557	-.69695	-.77474	-.76272	-.66148	-.64094	.53999	.53836	.52223
1.049	13.994	-.00335	-.71352	-.72489	-.80689	-.80052	-.72564	-.70327	.54381	.54899	.55365
1.049	16.017	-.06232	-.74565	-.75968	-.83345	-.83096	-.84037	-.80278	.54338	.55420	.58562
1.050	17.994	-.05396	-.76300	-.78237	-.85620	-.85163	-.91692	-.90778	.53622	.55743	.61415
	GRADIENT	.00139	-.00419	-.00582	-.01566	-.01660	-.02136	-.01816	.01854	.01818	.02837

0A232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.100	-1.895	.04138	-.42851	-.42003	-.40503	-.38068	-.32526	-.32366	.39700	.39513	.23561
1.100	-.033	-.02159	-.43379	-.43152	-.44447	-.41959	-.36446	-.35803	.43478	.43198	.29350
1.100	1.941	-.02636	-.43815	-.44038	-.47395	-.45106	-.40837	-.39741	.47471	.46564	.34593
1.101	4.017	.03931	-.45803	-.45856	-.49463	-.47489	-.45847	-.43706	.50445	.49476	.39585
1.100	6.001	.03728	-.50835	-.50884	-.51929	-.50322	-.49780	-.47777	.52403	.52331	.44054
1.100	8.012	.02959	-.54643	-.55338	-.57260	-.55063	-.53420	-.51725	.54603	.54385	.48005
1.100	10.034	.02124	-.57725	-.58785	-.64319	-.63312	-.56362	-.55540	.56528	.56251	.52273
1.099	12.005	-.03848	-.60656	-.61912	-.69458	-.68509	-.61524	-.60416	.57593	.57567	.55793
1.100	13.998	-.01951	-.63289	-.64684	-.72398	-.71875	-.70342	-.69709	.58138	.58758	.59135
1.101	16.034	.02804	-.66342	-.67678	-.74629	-.74418	-.80478	-.79614	.57806	.59554	.62022
1.100	18.066	.03915	-.68121	-.69768	-.76983	-.76659	-.85270	-.84685	.57253	.60019	.64724
	GRADIENT	-.00020	-.00475	-.00633	-.01507	-.01589	-.02252	-.01926	.01835	.01684	.02701

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-1.882	.03755	-.38565	-.38870	-.37399	-.36425	-.30166	-.31006	.41574	.41606	.25657
1.151	.029	.05607	-.38776	-.39550	-.40458	-.39182	-.34253	-.34703	.44932	.44819	.30821
1.149	2.084	.03604	-.39568	-.40980	-.42943	-.41970	-.38778	-.39088	.48640	.48022	.35892
1.149	3.966	.03535	-.41590	-.43055	-.44630	-.44019	-.42601	-.42466	.51489	.50645	.40469
1.149	6.005	.03669	-.45065	-.46665	-.46499	-.46249	-.45773	-.45608	.53329	.53724	.44921
1.150	8.013	.05529	-.48051	-.49813	-.51224	-.50286	-.48731	-.48150	.55562	.55455	.48959
1.150	10.051	.02544	-.50493	-.52476	-.56764	-.57045	-.50594	-.51007	.57647	.57344	.53147
1.150	12.043	.04822	-.52642	-.54759	-.61339	-.61208	-.54567	-.54895	.58742	.58905	.56734
1.149	14.054	.04297	-.54881	-.57054	-.63722	-.64062	-.60460	-.62857	.59575	.60454	.60250
1.149	16.042	.03648	-.57436	-.59580	-.66060	-.66485	-.70823	-.71142	.59363	.61237	.63387
1.150	18.083	.05195	-.58691	-.61496	-.67944	-.68315	-.75553	-.75344	.59180	.61853	.66244
	GRADIENT	-.00140	-.00502	-.00713	-.01234	-.01305	-.02135	-.01979	.01708	.01547	.02526

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.199	-1.899	.05515	-.36630	-.35436	-.35973	-.33818	-.30007	-.29690	.42206	.42669	.26511
1.200	.031	.05866	-.36789	-.36276	-.38303	-.36155	-.34009	-.33393	.45804	.45284	.31404
1.201	1.923	.05297	-.37673	-.37484	-.40073	-.38150	-.37632	-.36718	.49103	.48712	.36155
1.200	3.944	.05186	-.40380	-.39945	-.41973	-.40154	-.40800	-.39639	.51991	.51053	.40935
1.201	5.950	.05340	-.43119	-.43144	-.44607	-.42759	-.43732	-.42322	.53982	.54068	.45243
1.199	8.010	.06385	-.45526	-.45657	-.49438	-.47017	-.46113	-.44862	.55944	.55891	.49284
1.199	10.011	.07706	-.47070	-.47852	-.53721	-.52665	-.48663	-.47603	.58080	.57779	.53469
1.200	12.066	.07659	-.48747	-.49715	-.56869	-.55872	-.52992	-.51526	.59628	.59567	.57280
1.200	14.048	.07415	-.50403	-.51694	-.58683	-.58121	-.60742	-.59462	.60630	.61216	.60913
1.200	16.006	.05178	-.52752	-.54013	-.60536	-.60381	-.66733	-.65559	.60862	.62418	.64447
1.200	18.059	.05698	-.54667	-.55790	-.62520	-.62150	-.69520	-.68832	.60746	.63298	.67164
	GRADIENT	-.00080	-.00628	-.00761	-.01018	-.01081	-.01853	-.01707	.01680	.01470	.02472

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.219	-1.949	.03305	-.34670	-.34203	-.34548	-.32794	-.29745	-.29137	.41958	.42115	.26372
1.220	.000	.03524	-.35309	-.34929	-.36546	-.34527	-.33103	-.31930	.45729	.45288	.31351
1.220	1.906	.04213	-.36418	-.36363	-.38247	-.36671	-.36312	-.35374	.49207	.48139	.36068
1.219	3.926	.04444	-.39156	-.39099	-.40332	-.39085	-.39435	-.38438	.52110	.50950	.40858
1.220	5.932	.04848	-.41561	-.42033	-.43207	-.41492	-.42166	-.40903	.53969	.53571	.45155
1.220	7.974	.05163	-.43808	-.44484	-.48190	-.45743	-.44560	-.43504	.56323	.55833	.49407
1.220	9.977	.06595	-.45147	-.46086	-.52020	-.51021	-.47222	-.46019	.58472	.58007	.53744
1.219	12.006	.06980	-.47112	-.48166	-.55042	-.53838	-.51803	-.49981	.59791	.59735	.57447
1.220	13.988	.06685	-.48740	-.49853	-.56824	-.56150	-.59498	-.57699	.61071	.61394	.60757
1.220	16.019	.06078	-.50762	-.51905	-.58504	-.58154	-.64602	-.63328	.61366	.62688	.64295
1.218	17.980	.05924	-.53158	-.54036	-.60737	-.60093	-.67379	-.66485	.61125	.63540	.67426
	GRADIENT	.00210	-.00748	-.00828	-.00976	-.01077	-.01652	-.01605	.01736	.01503	.02466

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.240	-2.006	.03607	-.34482	-.33492	-.34156	-.32710	-.29481	-.29259	.42063	.42656	.26431
1.239	.029	.04522	-.35210	-.33930	-.36375	-.34233	-.33352	-.32661	.46114	.45880	.31529
1.240	1.967	.04874	-.36401	-.35175	-.38125	-.35392	-.36267	-.34635	.49401	.48898	.36624
1.239	4.034	.04755	-.38769	-.37830	-.40147	-.37551	-.39165	-.37260	.52423	.51706	.41507
1.240	5.980	.04966	-.40515	-.40956	-.42918	-.40622	-.41645	-.40006	.54444	.54310	.45724
1.240	7.979	.05070	-.42434	-.43254	-.47380	-.45150	-.44119	-.42600	.56487	.56436	.49664
1.240	10.012	.06103	-.43808	-.45093	-.50966	-.49913	-.46748	-.45055	.58193	.58256	.53754
1.240	11.996	.06236	-.45417	-.46583	-.53480	-.52516	-.51486	-.49118	.59598	.60095	.57179
1.240	14.012	.05779	-.46893	-.48176	-.55338	-.54522	-.58611	-.56677	.60841	.61716	.60763
1.239	16.012	.04936	-.49112	-.50102	-.56889	-.56190	-.63004	-.61271	.61341	.63063	.64338
1.240	18.026	.04581	-.51246	-.51708	-.58730	-.57651	-.65225	-.63784	.61806	.64022	.67818
	GRADIENT	.00189	-.00701	-.00712	-.00984	-.00783	-.01594	-.01296	.01713	.01504	.02509

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	-1.990	.01709	-.30886	-.30275	-.31793	-.29234	-.28308	-.26495	.43319	.44540	.27899
1.299	.002	.01829	-.31512	-.31306	-.32969	-.31046	-.30930	-.29552	.47019	.47800	.32809
1.300	1.989	.01816	-.33734	-.32860	-.34784	-.32718	-.32804	-.31977	.50308	.50678	.37637
1.300	3.995	.01773	-.35763	-.34948	-.36896	-.34721	-.35067	-.34098	.53047	.53411	.42119
1.300	6.004	.02124	-.37428	-.37389	-.40147	-.37770	-.37424	-.36398	.54833	.56001	.46212
1.300	8.026	.02127	-.39179	-.38734	-.44359	-.41719	-.39580	-.38581	.57100	.58179	.50142
1.300	9.976	.02760	-.40375	-.39957	-.47811	-.45316	-.43031	-.41513	.58647	.60128	.54090
1.300	12.011	.02962	-.41609	-.41249	-.49523	-.47149	-.48160	-.45750	.60697	.62200	.57911
1.300	14.019	.02447	-.42808	-.42504	-.50915	-.48919	-.54026	-.52313	.61593	.63899	.61322
1.299	15.969	.01963	-.44386	-.44512	-.52226	-.50463	-.57237	-.55902	.62237	.65202	.64995
1.300	18.050	.01941	-.46516	-.46669	-.53931	-.52340	-.58804	-.57987	.62359	.66306	.68586
	GRADIENT	.00009	-.00845	-.00781	-.00859	-.00909	-.01111	-.01265	.01628	.01479	.02381

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.399	-1.985	-.04436	-.26918	-.27003	-.27073	-.25712	-.24195	-.23574	.42981	.44674	.28463
1.400	.022	-.03206	-.27786	-.27557	-.27970	-.27269	-.25925	-.26335	.46687	.47857	.32052
1.400	1.962	-.04248	-.29432	-.29058	-.30072	-.29000	-.28371	-.28266	.49481	.50818	.36672
1.399	3.977	-.03960	-.31254	-.31393	-.32381	-.30820	-.30304	-.29598	.52632	.53766	.41229
1.400	5.952	-.04234	-.32189	-.32355	-.35635	-.33617	-.32700	-.31566	.54761	.56691	.45571
1.400	7.986	-.03715	-.33527	-.34207	-.38690	-.37361	-.35299	-.34108	.57042	.59139	.49891
1.400	9.965	-.03193	-.33459	-.34884	-.41054	-.39842	-.38438	-.37478	.58800	.60979	.54289
1.400	11.982	-.02774	-.33901	-.35467	-.42236	-.41483	-.43086	-.42671	.60434	.62723	.57759
1.400	13.992	-.03162	-.34826	-.36649	-.43391	-.42466	-.47190	-.46748	.61850	.64393	.61209
1.400	15.951	-.03524	-.36277	-.38127	-.43809	-.43458	-.49640	-.48884	.62925	.65809	.64862
1.400	17.977	-.03305	-.38501	-.39833	-.45515	-.45136	-.50487	-.50190	.63053	.66964	.68484
	GRADIENT	.00021	-.00739	-.00740	-.00909	-.00860	-.01047	-.01009	.01602	.01525	.02165

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.550	-1.859	-.13798	-.23801	-.22420	-.23755	-.21904	-.20137	-.19323	.45287	.45110	.30446
1.550	.031	-.13614	-.24821	-.23909	-.24996	-.23393	-.22855	-.21945	.48097	.47599	.35117
1.550	2.052	-.13690	-.26232	-.25126	-.26534	-.23975	-.24007	-.22428	.50741	.49983	.38582
1.551	4.093	-.13171	-.27296	-.26824	-.29213	-.27008	-.26216	-.25527	.53512	.52877	.42613
1.550	6.060	-.12907	-.27821	-.28013	-.32106	-.30634	-.28419	-.27669	.55995	.55576	.47140
1.550	8.088	-.12448	-.28107	-.28709	-.33525	-.32561	-.30190	-.30137	.58215	.58108	.51079
1.550	10.082	-.11705	-.28477	-.29362	-.35094	-.33909	-.34762	-.33794	.60535	.60487	.54985
1.550	12.062	-.11310	-.29169	-.29667	-.36609	-.34980	-.38620	-.37652	.62435	.62731	.59157
1.550	14.095	-.11200	-.29152	-.29817	-.36893	-.35674	-.40426	-.39616	.64036	.64519	.62722
1.549	16.084	-.11012	-.29694	-.30994	-.36460	-.35811	-.41869	-.41249	.65375	.66363	.66758
	GRADIENT	.00091	-.00599	-.00726	-.00903	-.00801	-.00973	-.00960	.01374	.01292	.02008

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.201	-1.827	2.02960	-.28901	-.26955	-.29736	-.25702	-.25702	-.25925	.00285	.07940	-.12078
.201	.217	2.05269	-.26390	-.26148	-.28716	-.25535	-.25322	-.25119	.06621	.15326	-.04243
.203	2.133	2.06119	-.25652	-.26672	-.27524	-.25439	-.23761	-.25659	.11064	.20052	.01414
.204	4.121	2.04341	-.25417	-.27253	-.28511	-.27487	-.26036	-.27082	.14195	.23487	.05697
.203	6.092	1.96772	-.26297	-.28775	-.28789	-.27966	-.24621	-.27349	.16356	.28014	.11974
.204	7.842	1.84828	-.27479	-.31184	-.28293	-.29553	-.25399	-.28940	.19041	.30408	.14897
.200	9.797	1.66435	-.28671	-.32077	-.29513	-.30388	-.25443	-.28678	.21851	.32327	.20790
.200	11.702	1.75393	-.32300	-.36360	-.31202	-.32727	-.26257	-.30150	.21406	.33208	.23147
.201	13.722	1.80566	-.35062	-.39731	-.33544	-.33989	-.27565	-.31644	.20172	.32742	.25327
.201	15.703	1.84058	-.36323	-.41830	-.32887	-.35251	-.26071	-.30779	.19400	.33216	.29239
	GRADIENT	.00255	.00569	-.00070	.00247	-.00266	.00028	-.00201	.02339	.02602	.02987

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.397	-1.949	2.07008	-.26339	-.25368	-.27146	-.23509	-.24451	-.23400	.03456	.11329	-.08915
.398	.036	2.05583	-.25698	-.25669	-.27444	-.24401	-.25224	-.24175	.08283	.16486	-.02771
.398	2.027	2.08019	-.24842	-.26103	-.27171	-.25308	-.24956	-.24848	.12926	.21687	.03193
.398	4.034	2.07320	-.25045	-.27123	-.27020	-.25979	-.24691	-.25637	.16418	.26094	.08225
.398	6.021	2.09153	-.25307	-.28322	-.27048	-.27178	-.24249	-.26602	.18976	.29468	.13244
.399	7.888	1.93939	-.26898	-.30257	-.26882	-.28299	-.24088	-.27256	.21520	.32573	.17789
.399	9.869	1.87584	-.28726	-.32435	-.28241	-.29893	-.24629	-.27915	.22860	.34379	.21587
.399	11.864	1.85206	-.30794	-.34851	-.29489	-.31375	-.24824	-.28344	.23486	.35589	.25140
.399	13.871	1.87767	-.33459	-.37985	-.30745	-.32985	-.24905	-.29483	.23223	.35690	.28394
.399	15.864	1.89269	-.36370	-.41473	-.31672	-.34611	-.25137	-.29710	.22697	.35383	.31139
.398	17.907	1.91437	-.39511	-.44744	-.32919	-.36455	-.25073	-.30012	.20688	.34005	.33147
	GRADIENT	.00169	.00237	-.00286	.00033	-.00417	-.00022	-.00370	.02182	.02482	.02877

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.600	-1.921	1.96689	-.28379	-.26447	-.28841	-.25136	-.25649	-.24549	.04441	.14134	-.08539
.600	.057	1.97003	-.27525	-.26885	-.28348	-.25834	-.26140	-.25505	.09756	.18862	-.01864
.601	2.070	1.96307	-.26903	-.27295	-.28085	-.26710	-.25778	-.26175	.14071	.23769	.04332
.600	4.093	1.98050	-.26698	-.28281	-.28195	-.27798	-.25828	-.27002	.17424	.27926	.09671
.602	6.111	2.02001	-.27339	-.29896	-.28264	-.29158	-.25698	-.27951	.20260	.31290	.13821
.601	8.014	2.01798	-.28446	-.31922	-.28494	-.30673	-.25626	-.28851	.22490	.34517	.18487
.601	10.027	1.88551	-.30872	-.34203	-.29630	-.31868	-.26236	-.29213	.24410	.36421	.23030
.601	11.881	1.93529	-.33261	-.36840	-.30580	-.33587	-.26267	-.29958	.25239	.37888	.26490
.600	13.852	1.98140	-.35844	-.40212	-.32117	-.35086	-.26442	-.30562	.25385	.38293	.30005
.599	15.888	1.99601	-.38817	-.43961	-.33431	-.37386	-.26563	-.31410	.24571	.37954	.32714
.600	17.886	2.01532	-.42429	-.47197	-.34218	-.38989	-.26540	-.31478	.22920	.37406	.34967
	GRADIENT	.00169	.00282	-.00295	.00109	-.00442	-.00008	-.00400	.02156	.02308	.03032

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.697	-1.908	1.99556	-.28797	-.27149	-.29650	-.25931	-.26428	-.25318	.07052	.15241	-.07142
.700	.005	2.00455	-.27970	-.27403	-.29313	-.26687	-.27017	-.26284	.11764	.20517	-.00283
.701	2.105	1.97784	-.27344	-.28096	-.29016	-.27505	-.26846	-.27062	.16855	.25666	.06315
.701	4.058	2.00612	-.27497	-.29155	-.29005	-.28607	-.26669	-.27916	.20288	.29800	.11556
.702	6.096	2.02556	-.28100	-.30914	-.29279	-.30036	-.26570	-.28932	.22609	.33400	.15895
.700	7.970	1.95649	-.29471	-.33119	-.29412	-.31413	-.26447	-.29561	.24660	.36430	.20909
.699	10.039	1.87047	-.31872	-.35797	-.30614	-.33065	-.26954	-.30269	.26634	.38538	.24918
.699	11.895	1.91395	-.34273	-.38739	-.31773	-.34889	-.27199	-.30973	.27533	.40069	.28090
.699	13.859	1.95092	-.37206	-.42293	-.33254	-.36787	-.27311	-.31709	.27764	.40766	.31551
.698	15.880	1.95811	-.40558	-.46268	-.34613	-.38855	-.27463	-.32280	.26922	.40724	.34609
.699	17.891	1.97689	-.44724	-.50391	-.35875	-.40906	-.28225	-.32671	.25480	.40242	.37357
	GRADIENT	.00018	.00226	-.00336	.00112	-.00442	-.00027	-.00428	.02241	.02441	.03134

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.799	-2.004	2.08335	-.28969	-.27691	-.30061	-.26540	-.27372	-.26029	.10442	.18902	-.03805
.799	-.017	2.05686	-.27939	-.28048	-.29447	-.27139	-.26896	-.26698	.15540	.24235	.02784
.800	2.012	2.05643	-.27504	-.29070	-.29223	-.28195	-.26459	-.27546	.19863	.28944	.08931
.800	3.963	2.10071	-.28121	-.30764	-.29215	-.29646	-.26379	-.28649	.23110	.32956	.14119
.800	6.025	2.08432	-.29229	-.33364	-.30080	-.31936	-.26723	-.30279	.25436	.36456	.19056
.800	7.926	1.97903	-.31795	-.36795	-.31672	-.34849	-.27969	-.32429	.27759	.39501	.23537
.800	9.993	1.98886	-.35474	-.41228	-.33996	-.38108	-.29847	-.34788	.29745	.42232	.27647
.800	11.885	1.86603	-.39360	-.45080	-.36733	-.40815	-.31748	-.36347	.31156	.43305	.31144
.800	13.917	1.91870	-.42924	-.49615	-.38869	-.43683	-.33257	-.38102	.31343	.44294	.34669
.800	15.945	1.92168	-.46731	-.53689	-.40527	-.45719	-.34089	-.38685	.30480	.44493	.37935
.800	17.930	1.93482	-.50512	-.57088	-.41524	-.47206	-.35083	-.39161	.29350	.44240	.40806
	GRADIENT	.00255	.00151	-.00513	.00139	-.00520	.00172	-.00437	.02125	.02352	.03007

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.849	-1.913	1.88760	-.26629	-.25922	-.27550	-.24653	-.24621	-.24113	.13630	.21546	-.00662
.849	.022	1.98563	-.26176	-.26731	-.27555	-.25881	-.24486	-.25501	.17980	.26595	.05234
.850	1.976	2.02953	-.26527	-.28311	-.28066	-.27690	-.25163	-.27020	.21878	.31120	.10935
.850	4.042	2.01113	-.28344	-.31162	-.29688	-.30382	-.26850	-.29485	.25540	.35132	.16350
.850	6.043	2.10182	-.31298	-.35469	-.32282	-.34240	-.29546	-.32957	.27593	.38854	.21069
.850	7.988	2.06958	-.36091	-.44941	-.36425	-.41909	-.34113	-.38591	.29739	.42375	.25553
.850	10.078	1.89658	-.43544	-.54902	-.42225	-.52657	-.39076	-.46627	.32314	.44132	.30299
.850	11.928	1.91231	-.48579	-.58948	-.46776	-.57453	-.42697	-.51013	.33208	.45555	.33328
.849	13.950	1.96210	-.52666	-.61044	-.50049	-.59548	-.45287	-.53228	.33933	.46588	.36902
.850	15.933	1.98740	-.54186	-.61071	-.52054	-.58672	-.47005	-.53681	.33106	.47077	.40147
.850	17.980	1.99924	-.56292	-.68569	-.52576	-.59679	-.48722	-.53977	.32076	.46824	.43062
	GRADIENT	.02071	-.00281	-.00876	-.00352	-.00961	-.00375	-.00892	.01998	.02283	.02861

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.901	-1.991	2.08210	-.15099	-.13043	-.15181	-.12265	-.15402	-.12940	.16692	.25083	.02261
.899	-.038	2.12317	-.16842	-.22371	-.16587	-.19555	-.16626	-.17548	.20993	.29880	.08154
.899	1.974	2.11906	-.22033	-.46798	-.21257	-.31704	-.19711	-.25549	.25114	.34299	.14140
.900	3.952	2.13377	-.30641	-.61528	-.28337	-.49663	-.25637	-.35162	.28477	.38438	.19192
.900	5.989	2.13583	-.42963	-.72406	-.35288	-.64332	-.31890	-.43613	.30763	.41815	.24104
.900	7.876	2.03755	-.53718	-.82508	-.41546	-.74710	-.37811	-.48907	.32865	.44868	.28461
.900	10.025	1.80871	-.79835	-.89130	-.51860	-.90582	-.47893	-.55804	.35437	.46929	.33146
.900	11.900	1.84698	-.94493	-.94427	-.59771	-1.00908	-.57241	-.63688	.36390	.48602	.36051
.900	13.924	1.88942	-.99561	-.99641	-.67852	-1.07397	-.65511	-.72167	.36841	.49525	.39637
.899	15.891	1.85803	-1.04877	-1.04558	-.75736	-1.12748	-.71479	-.79237	.36312	.50036	.43067
.899	17.929	1.88761	-1.08204	-1.09556	-.79909	-1.15024	-.77780	-.80400	.35595	.49991	.45937
	GRADIENT	.00758	-.02614	-.08570	-.02227	-.06271	-.01704	-.03766	.01990	.02242	.02862

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.950	-1.972	2.04457	-.51510	-.54513	-.51797	-.51850	-.46049	-.46931	.20506	.29171	.06456
.950	.045	1.99295	-.50988	-.55727	-.53038	-.56934	-.48266	-.51144	.25148	.33813	.12388
.950	1.988	2.02304	-.53024	-.57380	-.53137	-.60491	-.49844	-.55547	.28954	.37945	.17888
.950	4.016	2.02635	-.58403	-.61282	-.53496	-.63358	-.50665	-.60264	.32235	.41649	.22935
.950	6.057	2.06653	-.64401	-.69378	-.55512	-.67538	-.50893	-.65310	.34426	.45188	.27610
.950	7.981	2.00429	-.74742	-.75501	-.60967	-.76840	-.52163	-.69735	.36550	.48726	.32043
.951	10.031	2.03208	-.82119	-.80192	-.70464	-.87269	-.55425	-.74326	.38457	.50611	.36265
.950	11.930	1.89113	-.86193	-.84669	-.87157	-.92702	-.60593	-.79442	.40134	.51712	.39933
.949	14.018	2.00172	-.90143	-.89244	-.99954	-.86354	-.67227	-.69588	.40430	.53025	.43115
.950	15.938	1.98679	-.94144	-.92576	-1.04193	-.83216	-.73454	-.70937	.39748	.53396	.46221
.950	17.931	1.96310	-.95790	-.93262	-1.07806	-.79098	-.79848	-.71797	.39209	.53301	.49541
	GRADIENT	-.00127	-.01142	-.01104	-.00262	-.01913	-.00775	-.02230	.01959	.02088	.02759

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.980	-2.030	2.01267	-.51710	-.53795	-.50225	-.52461	-.44689	-.46729	.23067	.32222	.08748
.980	.010	2.05462	-.52440	-.53967	-.51288	-.55818	-.46365	-.51422	.27354	.36338	.14595
.980	1.987	2.03801	-.55677	-.55303	-.52933	-.58554	-.48654	-.56418	.30900	.40349	.20240
.980	4.017	2.04319	-.59371	-.59218	-.54784	-.61047	-.50507	-.60893	.34715	.44795	.25348
.979	6.008	2.11275	-.62905	-.66440	-.57333	-.65257	-.51287	-.65128	.36612	.47764	.29806
.979	7.948	1.98303	-.71075	-.71305	-.62673	-.73879	-.52373	-.68513	.38891	.50714	.34268
.981	9.975	1.97438	-.77555	-.75602	-.72068	-.82707	-.55495	-.73178	.40718	.52634	.38311
.979	11.942	1.91228	-.81333	-.79744	-.86314	-.82625	-.59686	-.63527	.41889	.53860	.42111
.980	13.938	1.94006	-.84466	-.83352	-.93521	-.80108	-.64716	-.66931	.42782	.54995	.45508
.979	15.929	1.93426	-.88031	-.87026	-.96842	-.81446	-.70830	-.69621	.42281	.55475	.48350
.981	17.964	1.96084	-.90687	-.87590	-.99954	-.76484	-.76503	-.70107	.41523	.55681	.51669
.980	18.933	1.94876	-.92104	-.90535	-1.00801	-.83518	-.78873	-.75507	.41479	.55662	.52927
	GRADIENT	.00375	-.01302	-.00875	-.00761	-.01417	-.00981	-.02360	.01914	.02075	.02756

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.051	-1.981	1.92928	-.49179	-.47037	-.45014	-.46378	-.39031	-.42514	.30391	.38845	.16467
1.049	.002	1.97726	-.51110	-.48130	-.47235	-.49437	-.41243	-.47557	.34457	.42947	.21822
1.050	2.007	2.01050	-.52180	-.49589	-.49855	-.51817	-.43544	-.51990	.37720	.46906	.27243
1.049	4.009	2.02564	-.53345	-.53130	-.53428	-.53994	-.46106	-.55562	.40699	.50206	.31770
1.051	6.077	2.04522	-.55855	-.58189	-.56027	-.57752	-.47591	-.57890	.43267	.53580	.36256
1.050	7.994	1.99357	-.62237	-.61661	-.59828	-.65796	-.49296	-.61037	.44952	.56111	.40323
1.050	9.971	1.99066	-.67244	-.64976	-.67265	-.71930	-.52146	-.65984	.46828	.58303	.44070
1.050	11.999	1.96371	-.69902	-.68255	-.76561	-.76249	-.55697	-.75663	.47858	.59596	.47859
1.049	13.935	1.98218	-.72738	-.71413	-.81246	-.79452	-.59582	-.84946	.48579	.60599	.51193
1.049	15.931	1.97994	-.75520	-.74815	-.83770	-.82242	-.64461	-.90294	.48152	.61342	.53949
1.049	17.964	2.00411	-.77775	-.77751	-.86568	-.84505	-.69501	-.94170	.47487	.61316	.57010
1.050	18.963	2.01906	-.78574	-.79144	-.87334	-.85837	-.71404	-.95438	.46665	.61439	.58116
	GRADIENT	.01613	-.00679	-.00989	-.01395	-.01263	-.01178	-.02181	.01711	.01904	.02569

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.100	-2.011	1.95504	-.42280	-.39293	-.37766	-.38662	-.31863	-.35394	.35257	.43713	.21573
1.100	.036	1.98418	-.44225	-.40392	-.40162	-.41651	-.34146	-.40354	.39202	.47651	.26790
1.099	1.984	2.01570	-.45443	-.42448	-.43292	-.44306	-.36645	-.44670	.42238	.50979	.31471
1.099	4.064	1.99558	-.46184	-.46039	-.46970	-.46686	-.39326	-.48096	.45343	.54343	.36205
1.101	6.016	2.09978	-.48693	-.50583	-.49282	-.50613	-.40811	-.50436	.46966	.57299	.40030
1.099	7.998	2.01478	-.55353	-.53842	-.53731	-.58270	-.43665	-.53527	.48720	.59824	.44271
1.101	9.959	1.95867	-.59944	-.56763	-.61380	-.63736	-.47425	-.58798	.50719	.62002	.48005
1.100	11.929	1.93488	-.62392	-.60174	-.69140	-.67822	-.51980	-.68171	.51997	.63012	.51635
1.100	13.880	1.90402	-.64808	-.63102	-.73257	-.71070	-.55412	-.76715	.52566	.64083	.55025
1.101	15.863	1.92891	-.67465	-.66321	-.75344	-.73527	-.59261	-.81362	.52191	.64825	.57692
1.100	17.929	1.91656	-.69508	-.69123	-.77899	-.75772	-.64598	-.84963	.51828	.64864	.60857
	GRADIENT	.00754	-.00640	-.01106	-.01524	-.01324	-.01234	-.02102	.01651	.01746	.02408

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.149	-1.946	2.00096	-.39175	-.35834	-.34557	-.35240	-.28189	-.33393	.36743	.45634	.23194
1.151	.041	2.04945	-.40090	-.36891	-.37299	-.37680	-.30361	-.37157	.40643	.49433	.28272
1.149	2.010	2.03887	-.40560	-.39372	-.40113	-.40164	-.32702	-.40550	.43516	.52665	.32769
1.150	4.046	2.06342	-.40964	-.42784	-.42919	-.42778	-.35069	-.43328	.46375	.55818	.37234
1.150	6.022	2.08110	-.42937	-.45611	-.44948	-.46880	-.36903	-.45605	.48016	.58451	.41167
1.149	7.940	2.02883	-.48708	-.47790	-.48232	-.52743	-.39235	-.47784	.49780	.61222	.45245
1.151	9.996	1.80510	-.52863	-.50202	-.55539	-.56705	-.44336	-.52215	.52107	.62602	.49457
1.150	11.910	1.87832	-.55050	-.52469	-.61793	-.60057	-.47819	-.60375	.53437	.64211	.52945
1.150	13.852	1.88880	-.57068	-.54955	-.65220	-.62656	-.50861	-.67674	.54430	.65395	.56402
1.149	15.884	1.92111	-.59281	-.57802	-.67299	-.65039	-.53959	-.72216	.54234	.66199	.59281
1.150	17.883	1.90698	-.61724	-.59773	-.69355	-.66820	-.59973	-.75103	.54238	.66700	.62386
	GRADIENT	.00887	-.00292	-.01171	-.01399	-.01258	-.01152	-.01664	.01592	.01693	.02337

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.200	-2.026	2.04124	-.39065	-.32491	-.34730	-.31906	-.28003	-.30666	.37731	.46466	.23860
1.200	.095	2.05843	-.39242	-.34289	-.37775	-.34654	-.30830	-.34522	.41158	.49863	.28665
1.200	1.941	2.07839	-.39176	-.36524	-.40065	-.36729	-.33123	-.37029	.44149	.53007	.33152
1.201	4.006	2.06536	-.39255	-.40013	-.41742	-.40005	-.35312	-.39842	.46936	.55983	.37425
1.200	6.036	2.07288	-.41545	-.42545	-.43628	-.44792	-.38006	-.42728	.48445	.58743	.41341
1.199	7.909	1.93482	-.45280	-.44652	-.46225	-.50002	-.40759	-.45731	.50422	.61654	.45590
1.201	9.941	1.95029	-.48040	-.46704	-.51292	-.53115	-.43602	-.50228	.52386	.63476	.49323
1.199	11.883	1.84912	-.49772	-.48950	-.56529	-.56263	-.47099	-.58016	.53988	.65053	.53153
1.199	13.868	1.88859	-.51819	-.51214	-.59404	-.58435	-.50562	-.63383	.55007	.66347	.56860
1.199	15.898	1.90334	-.53657	-.53485	-.61091	-.60395	-.56761	-.66630	.54925	.67321	.59752
1.200	17.950	1.91843	-.55946	-.55151	-.62804	-.61812	-.66239	-.68985	.55404	.68136	.63174
	GRADIENT	.00460	-.00026	-.01243	-.01170	-.01324	-.01215	-.01508	.01534	.01599	.02265

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.299	-1.986	2.02750	-.33662	-.27285	-.32345	-.26965	-.26128	-.26224	.39126	.49103	.25587
1.300	-.006	2.04150	-.33964	-.29754	-.34175	-.29293	-.29062	-.28928	.42419	.52608	.30630
1.300	2.003	2.03338	-.33774	-.32091	-.34852	-.31948	-.31398	-.31641	.45280	.55499	.34406
1.300	4.023	2.04025	-.35496	-.34939	-.37502	-.35550	-.33842	-.34028	.47706	.58396	.38530
1.301	6.014	2.10931	-.38217	-.37570	-.39755	-.40901	-.36854	-.37127	.49659	.61194	.42725
1.301	7.960	2.00726	-.39243	-.37961	-.40894	-.43916	-.38054	-.41071	.52410	.63265	.47422
1.300	9.956	1.96155	-.41165	-.39911	-.46336	-.45866	-.41565	-.45796	.54908	.65007	.51541
1.300	11.944	1.91578	-.40955	-.40884	-.48918	-.47383	-.42970	-.50891	.56795	.66795	.55279
1.299	13.928	1.93449	-.42279	-.42408	-.50414	-.48736	-.48188	-.53658	.58236	.68204	.59117
1.300	15.933	1.95157	-.44050	-.43831	-.51705	-.49909	-.55282	-.55850	.58637	.69426	.62698
1.300	17.979	1.95510	-.45834	-.45121	-.53447	-.52285	-.58886	-.58848	.58707	.70301	.65906
	GRADIENT	.00150	-.00266	-.01263	-.00806	-.01419	-.01271	-.01304	.01427	.01535	.02126

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.400	-1.935	1.89879	-.29761	-.24418	-.30115	-.23184	-.24841	-.22134	.39029	.48799	.26419
1.400	.005	1.96467	-.29135	-.26334	-.30718	-.25445	-.27217	-.24424	.41463	.52227	.29854
1.400	1.991	1.97669	-.29081	-.28421	-.30524	-.28305	-.28534	-.26510	.44060	.55383	.34006
1.400	4.002	2.01635	-.30564	-.29587	-.32208	-.31335	-.30532	-.28823	.46610	.58480	.37870
1.399	6.067	2.08551	-.32895	-.31431	-.34220	-.35581	-.32691	-.32874	.49184	.61318	.41890
1.400	8.005	2.04772	-.34232	-.32371	-.36323	-.37996	-.33657	-.37124	.51540	.63666	.46438
1.400	10.062	2.06657	-.34632	-.33054	-.40785	-.39346	-.36087	-.41676	.54451	.66049	.51345
1.399	11.982	1.97922	-.35280	-.34412	-.42854	-.40522	-.39433	-.44781	.56749	.67031	.55214
1.400	13.953	1.99731	-.36370	-.35588	-.44161	-.41461	-.44926	-.47118	.57897	.68047	.58657
1.400	15.999	2.02063	-.37741	-.37816	-.44839	-.43172	-.49580	-.48595	.58481	.69422	.62246
1.400	17.976	2.03245	-.39505	-.39093	-.45967	-.44159	-.51390	-.50007	.58830	.70529	.65423
	GRADIENT	.01839	-.00121	-.00888	-.00308	-.01380	-.00928	-.01119	.01280	.01626	.01945

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.549	-1.816	1.87177	-.27272	-.21555	-.25707	-.20816	-.21638	-.18672	.40954	.49498	.27787
1.550	.129	1.85364	-.26367	-.23143	-.26510	-.23101	-.22816	-.21176	.43708	.52164	.32931
1.551	2.137	1.87140	-.25951	-.23611	-.26443	-.24458	-.25060	-.22500	.45715	.54683	.35405
1.550	4.139	1.88668	-.26042	-.25126	-.26852	-.28198	-.25785	-.26747	.47981	.57872	.38996
1.550	6.194	1.94955	-.28041	-.26362	-.29262	-.30736	-.26800	-.30175	.49884	.60943	.43442
1.550	8.094	1.95764	-.28695	-.25852	-.32947	-.31412	-.29229	-.33195	.51736	.63605	.46711
1.550	10.106	1.95235	-.28876	-.27331	-.34733	-.32664	-.31242	-.36025	.54354	.66044	.50792
1.550	11.921	2.02005	-.28874	-.27609	-.35889	-.33846	-.34416	-.37946	.56100	.68234	.54621
1.551	13.891	2.06119	-.29069	-.29261	-.36536	-.34396	-.38615	-.39961	.57845	.69958	.58237
1.550	15.882	2.07760	-.29702	-.30462	-.37191	-.35909	-.41740	-.41089	.58734	.71465	.61886
1.550	17.910	2.10242	-.32108	-.32327	-.37658	-.36599	-.42994	-.41742	.59310	.73070	.65342
	GRADIENT	.00317	.00206	-.00562	-.00169	-.01183	-.00739	-.01286	.01161	.01391	.01815

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.260	7.995	.04279	-.41352	-.41891	-.46220	-.43416	-.41901	-.40953	.56385	.56515	.49577
1.260	11.981	.05197	-.44425	-.45370	-.52095	-.50894	-.49407	-.48140	.59643	.60087	.57441
1.261	15.954	.03738	-.47217	-.48479	-.54971	-.54121	-.59719	-.58835	.61642	.63275	.64518
1.260	17.997	.04313	-.49502	-.50497	-.56889	-.55926	-.61891	-.61243	.61637	.64283	.67972
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.280	7.973	.02796	-.39957	-.40552	-.44976	-.42532	-.40445	-.39618	.56324	.57900	.49811
1.279	12.004	.03705	-.42212	-.43124	-.49929	-.48734	-.48299	-.46081	.60097	.61840	.57646
1.280	16.026	.02301	-.45222	-.46479	-.53053	-.52265	-.58095	-.57042	.61565	.64782	.64659
1.281	17.973	.02022	-.47258	-.48077	-.54735	-.53688	-.59718	-.59013	.61939	.65789	.68193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.300	7.980	.02181	-.39408	-.38934	-.44205	-.41627	-.39461	-.38580	.57022	.58243	.50073
1.299	12.031	.02820	-.41515	-.41155	-.49509	-.47281	-.48262	-.45767	.60389	.62208	.57923
1.300	15.998	.01741	-.44280	-.44378	-.52160	-.50366	-.57179	-.55552	.62265	.65292	.65114
1.299	18.005	.01597	-.46330	-.46542	-.54008	-.52330	-.58941	-.57863	.62325	.66330	.68466
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.321	7.999	.01218	-.38386	-.37424	-.43952	-.40571	-.39159	-.36895	.57439	.58312	.50446
1.320	11.971	.02323	-.40283	-.39434	-.48446	-.45527	-.47776	-.44648	.61046	.62316	.58409
1.320	16.033	.01317	-.42999	-.42610	-.50728	-.48453	-.56096	-.54046	.62553	.65449	.65417
1.320	17.990	.01124	-.44894	-.44243	-.52065	-.49871	-.57158	-.55737	.62554	.66464	.68682
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.340	7.967	.00302	-.36761	-.37725	-.42094	-.41340	-.37301	-.37715	.57783	.59135	.50920
1.341	12.003	.01522	-.38703	-.39611	-.46557	-.45601	-.45486	-.45568	.61401	.63269	.58915
1.340	16.031	.00754	-.41197	-.42419	-.48708	-.48213	-.54313	-.53871	.62727	.66316	.65509
1.340	17.999	.00102	-.43066	-.44082	-.50184	-.49461	-.55258	-.54904	.62769	.67379	.68846
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (MVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.360	7.963	-.01273	-.35306	-.36786	-.41041	-.40487	-.36276	-.36804	.58161	.59141	.51269
1.360	12.007	-.01788	-.37085	-.38596	-.44899	-.44317	-.44317	-.44906	.61820	.63311	.59367
1.361	16.017	-.00678	-.39646	-.40864	-.47127	-.46346	-.52679	-.52095	.63534	.66478	.65819
1.361	18.000	-.00465	-.41625	-.42497	-.48725	-.47802	-.53669	-.53172	.63228	.67253	.69003
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.380	7.969	-.03249	-.33919	-.35339	-.39782	-.38972	-.35286	-.35670	.57265	.59213	.50505
1.380	11.979	-.01570	-.35616	-.36894	-.43692	-.43053	-.44112	-.44070	.61000	.63202	.58640
1.380	16.017	-.02373	-.37984	-.39575	-.45146	-.45052	-.50837	-.50940	.63092	.66091	.65374
1.380	17.982	-.02411	-.39967	-.41295	-.47196	-.46618	-.52159	-.51977	.63080	.67040	.68700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.400	7.959	-.04207	-.33002	-.33652	-.38636	-.37226	-.35312	-.34038	.57146	.59037	.49843
1.400	11.972	-.02891	-.34352	-.35829	-.42386	-.41634	-.43092	-.42592	.60446	.62474	.57718
1.401	15.967	-.03620	-.36513	-.38334	-.43932	-.43494	-.49650	-.48836	.62933	.65646	.64871
1.400	18.000	-.03889	-.38666	-.39969	-.45393	-.44899	-.50507	-.50124	.63270	.67066	.68557
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
1.451	8.074	-.12694	-.30531	-.31558	-.36814	-.35742	-.32505	-.33089	.58703	.58710	.50950
1.450	11.939	-.05444	-.31921	-.33117	-.39940	-.38985	-.40960	-.40916	.62181	.62752	.58993
1.450	16.053	-.11582	-.34169	-.35508	-.40999	-.40616	-.46551	-.46051	.64624	.66022	.66079
1.450	18.065	-.11545	-.35737	-.36987	-.42444	-.42034	-.47476	-.47206	.65075	.67357	.69853
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (MVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.199	-3.797	.10715	-.27179	-.28236	-.27597	-.24564	-.24564	-.24137	.00464	.00034	-.15215
.200	-1.827	.10769	-.26734	-.28004	-.28018	-.24997	-.24997	-.24572	.07080	.07071	-.08531
.199	.128	.10926	-.26388	-.27445	-.27241	-.25515	-.25733	-.25742	.11875	.12292	-.01821
.200	2.188	.11057	-.25927	-.26974	-.28064	-.25277	-.25924	-.25502	.17807	.16918	.05101
.200	4.178	.11165	-.28684	-.29301	-.29747	-.26953	-.27385	-.26962	.20999	.19669	.09559
.201	6.184	.11272	-.27451	-.27421	-.28289	-.25738	-.25525	-.25320	.24693	.24439	.16370
.200	8.191	.11390	-.30567	-.30319	-.31412	-.28404	-.27541	-.27767	.24484	.24872	.19317
.200	10.196	.11508	-.32197	-.31947	-.31101	-.28317	-.27240	-.27035	.27012	.27181	.24446
.201	12.206	.11617	-.34104	-.33853	-.33228	-.29820	-.26824	-.27476	.26453	.28330	.27971
.201	14.201	.11743	-.37029	-.35708	-.34230	-.32323	-.25271	-.26990	.27080	.28741	.30520
.201	16.191	.11849	-.40270	-.38943	-.35107	-.32553	-.28483	-.28708	.25281	.28446	.33444
	GRADIENT	.00060	-.00111	-.00056	-.00219	-.00253	-.00329	-.00329	.02594	.02458	.03164

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.249	-3.792	.10600	-.25495	-.26773	-.25697	-.23312	-.22875	-.22448	.01543	.01982	-.13510
.250	-1.773	.10662	-.24746	-.26016	-.25812	-.23444	-.23228	-.23237	.08378	.08369	-.06780
.250	.184	.10813	-.25270	-.24809	-.26554	-.23751	-.21584	-.23543	.13076	.13490	-.00139
.250	2.014	.04949	-.24752	-.25588	-.26465	-.23884	-.24316	-.23677	.18696	.18020	.06812
.250	4.008	.05110	-.24413	-.25462	-.27199	-.24410	-.24841	-.24419	.22159	.21693	.11818
.249	6.214	.11235	-.26318	-.26940	-.27389	-.25009	-.25227	-.25019	.25468	.25210	.16994
.249	8.120	.11321	-.28334	-.28520	-.28752	-.25934	-.25280	-.25507	.27224	.26527	.20920
.249	10.135	.11312	-.29779	-.29310	-.29978	-.26940	-.27158	-.25860	.27573	.28181	.24974
.248	12.159	.11290	-.32791	-.32098	-.30799	-.27965	-.25992	-.26441	.27919	.29841	.29034
.248	14.153	.11259	-.35403	-.34707	-.31654	-.29477	-.26187	-.26635	.28859	.29906	.31952
.247	16.205	.11093	-.38669	-.37524	-.33788	-.30933	-.26956	-.26966	.27161	.29541	.34694
	GRADIENT	-.00853	.00111	.00159	-.00189	-.00136	-.00255	-.00227	.02659	.02533	.03313

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (MVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.398	-3.955	.08474	-.26296	-.27137	-.26280	-.23351	-.23242	-.22597	.02470	.03016	-.13119
.398	-1.919	.08234	-.25735	-.26359	-.26807	-.23990	-.24425	-.23454	.08781	.08879	-.06466
.399	.045	.08365	-.25504	-.25800	-.27006	-.23982	-.24958	-.23991	.13987	.14400	.00644
.400	2.049	.08145	-.25682	-.26085	-.27178	-.24598	-.25138	-.24499	.19504	.18610	.07078
.401	4.068	.08041	-.25942	-.26236	-.27864	-.24969	-.25508	-.24440	.22958	.22813	.12627
.401	6.054	.08020	-.27606	-.27360	-.28236	-.25448	-.25771	-.24918	.26165	.25692	.17665
.401	10.066	.08022	-.30963	-.29856	-.30408	-.27524	-.26450	-.25601	.28304	.28793	.25745
.401	14.041	.08049	-.36404	-.34647	-.32946	-.30062	-.26840	-.26527	.29010	.30463	.32791
.400	18.068	.08197	-.43091	-.40671	-.36481	-.33690	-.26995	-.27437	.24944	.28891	.37063
	GRADIENT	-.00048	.00038	.00104	-.00177	-.00192	-.00262	-.00236	.02583	.02465	.03249

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (MVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.601	-1.984	-.03546	-.27142	-.27216	-.28312	-.25437	-.25695	-.24827	.10776	.11070	-.05219
.602	2.113	-.03681	-.27482	-.27041	-.28903	-.25835	-.26503	-.25125	.21995	.20985	.09055
.603	6.096	-.03828	-.29219	-.28263	-.30022	-.27110	-.27418	-.26092	.27884	.27632	.19272
.603	10.092	-.03644	-.33529	-.31705	-.32334	-.28923	-.28054	-.26734	.31362	.31002	.28109
.602	14.084	-.03439	-.39509	-.37157	-.35890	-.32362	-.29073	-.27902	.31502	.32371	.34507
.600	18.076	-.02931	-.45568	-.43045	-.38475	-.35500	-.28895	-.28545	.28428	.31778	.39496
	GRADIENT	-.00033	-.00083	.00043	-.00144	-.00097	-.00197	-.00073	.02738	.02420	.03484

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (MVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.701	-1.948	-.00591	-.27784	-.28248	-.29045	-.26173	-.26627	-.25646	.13324	.13386	-.03376
.703	2.092	-.00562	-.28141	-.27987	-.29970	-.26948	-.27440	-.26218	.24228	.22876	.10652
.702	6.062	-.00736	-.30176	-.29446	-.30774	-.28037	-.28283	-.26896	.30075	.29859	.21137
.701	10.088	-.00223	-.34868	-.33062	-.33571	-.30211	-.29223	-.27133	.33441	.32931	.30004
.699	14.026	.00045	-.41344	-.38577	-.36820	-.33326	-.29733	-.28669	.34282	.34882	.36414
.696	18.000	.00102	-.47897	-.45271	-.40141	-.36876	-.29726	-.29279	.31330	.34346	.41792
	GRADIENT	.00007	-.00088	.00065	-.00229	-.00192	-.00201	-.00142	.02700	.02350	.03473

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (MVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.800	8.002	.04638	-.34841	-.34075	-.34473	-.31641	-.30495	-.29324	.35183	.35087	.28570
.800	12.022	.04638	-.43162	-.41382	-.40395	-.37046	-.34372	-.33203	.37637	.37502	.36275
.800	16.027	.04795	-.51744	-.48708	-.44533	-.40910	-.36121	-.33127	.36472	.38694	.42575
.799	18.019	.05142	-.54182	-.51384	-.45610	-.42054	-.36011	-.34982	.35214	.38237	.45213
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (MVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87
.599	-4.003	-.03027	-.28654	-.27391	-.28476	-.25045	-.25356	-.23956	.02698	.03819	-.13369
.599	-1.912	-.03319	-.27684	-.26618	-.28470	-.25083	-.25650	-.24389	.09157	.10133	-.05953
.599	.098	-.03622	-.27361	-.26206	-.28618	-.25319	-.26098	-.24780	.14681	.14710	.00932
.599	2.071	-.03665	-.27567	-.26277	-.29091	-.25759	-.26448	-.25187	.19288	.19084	.07240
.600	4.096	-.04260	-.28178	-.26755	-.29472	-.26250	-.26792	-.25469	.23168	.23101	.13134
.599	6.060	-.04286	-.29650	-.27826	-.30307	-.27097	-.27349	-.26000	.26616	.26875	.18473
.600	8.066	-.04220	-.31279	-.29089	-.31060	-.27897	-.27635	-.26280	.28759	.29453	.23236
.600	10.055	-.04178	-.33517	-.30870	-.32231	-.28953	-.28032	-.26587	.29772	.30277	.27577
.599	12.082	-.04122	-.36502	-.33433	-.33738	-.30415	-.28328	-.27056	.30604	.31536	.31559
.598	14.035	-.03831	-.39686	-.36241	-.35460	-.32086	-.28850	-.27644	.31380	.32282	.34839
.599	16.091	-.03812	-.43513	-.39396	-.36733	-.33540	-.29299	-.28143	.30011	.32127	.37010
	GRADIENT	-.00139	.00054	.00081	-.00129	-.00152	-.00182	-.00189	.02532	.02356	.03281

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (NVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.202	-3.800	.12342	-.15534	-.21374	-.21862	-.20678	.42848	-.15840	-.22020	-.17028	-.20824
.200	-1.769	.11931	-.09698	-.20355	-.20544	-.19791	.37538	-.10765	-.18808	-.11673	-.19485
.200	.186	.11558	-.02835	-.17188	-.17297	-.17000	.32713	-.04043	-.13989	-.05624	-.16245
.200	2.183	.11190	.04088	-.14246	-.14199	-.14203	.26005	.03332	-.08762	.01670	-.12992
.201	4.203	.10783	.09857	-.11286	-.10935	-.11388	.19320	.10611	-.03956	.08808	-.09735
.200	6.211	.10813	.15151	-.08116	-.07832	-.08364	.14476	.16669	.00787	.15155	-.06397
.200	8.188	.10780	.19728	-.04395	-.04257	-.04711	.09022	.22829	.06683	.21242	-.02447
.200	10.192	.11433	.23377	-.01795	-.01575	-.01879	.02055	.28454	.11134	.26787	.00467
.200	12.199	.10878	.27715	.02876	.02725	.02497	-.03488	.35303	.17199	.33784	.05604
.200	14.190	.11150	.32062	.07370	.07453	.07075	-.08229	.42605	.23139	.40555	.10256
.200	16.206	.11339	.34850	.10993	.10930	.10855	-.13687	.48388	.28563	.46864	.14502
.199	18.545	.11660	.37936	.15556	.15729	.15960	-.19580	.55378	.35143	.54003	.19688
	GRADIENT	-.00193	.03235	.01317	.01413	.01211	-.02936	.03357	.02313	.03258	.01436

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (NVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.250	-3.994	.04844	-.15012	-.21229	-.21630	-.20270	.43694	-.15452	-.21782	-.16672	-.20555
.251	-1.991	.04767	-.07672	-.18424	-.18604	-.17752	.39183	-.08392	-.17040	-.10247	-.17678
.251	-.002	.04780	-.01451	-.16307	-.16340	-.15915	.33551	-.02813	-.12982	-.04459	-.15340
.252	2.006	.04717	.05210	-.13170	-.12914	-.12847	.26961	.04855	-.07658	.02936	-.11992
.252	4.003	.04770	.10971	-.10379	-.10189	-.10476	.20350	.11330	-.03232	.09696	-.08983
.252	6.015	.04789	.15751	-.07494	-.07228	-.07585	.15117	.17458	.01354	.15471	-.05952
.252	8.011	.04951	.20671	-.03795	-.03596	-.04022	.09568	.23298	.07091	.21668	-.01827
.249	10.215	.10299	.25142	.00066	.00422	.00203	.04120	.30446	.12897	.28485	.02379
.248	12.197	.09944	.29088	.04161	.04088	.03870	-.01891	.36610	.18165	.34857	.06713
.248	14.193	.09332	.32197	.07669	.07530	.07531	-.07612	.42838	.23187	.40577	.10515
.248	16.215	.12333	.35449	.11362	.11593	.11668	-.12932	.49113	.28753	.46846	.14733
.248	18.193	.09355	.38092	.15723	.15815	.16109	-.17327	.55225	.34617	.53180	.19386
.248	18.546	.09286	.38565	.16771	.16865	.17232	-.18182	.56651	.35964	.54678	.20655
	GRADIENT	-.00010	.03244	.01348	.01429	.01225	-.02947	.03342	.02325	.03297	.01442

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.398	-3.921	.09254	-.14891	-.21682	-.22232	-.20966	.44404	-.15480	-.21877	-.16240	-.21000
.399	-1.992	.08904	-.07946	-.19409	-.19836	-.19023	.39331	-.09003	-.17661	-.10015	-.18631
.400	.004	.08506	-.01108	-.16629	-.16740	-.16356	.34265	-.02429	-.12789	-.03514	-.15617
.401	1.955	.08228	.05030	-.13873	-.13902	-.13828	.27637	.04722	-.08071	.02906	-.12667
.402	4.038	.07868	.11422	-.10352	-.10298	-.10610	.21112	.12082	-.02815	.10576	-.09026
.402	6.021	.07456	.16559	-.07136	-.07076	-.07501	.16064	.18063	.02110	.16601	-.05540
.402	8.027	.07702	.21089	-.03938	-.03873	-.04413	.09879	.24132	.07383	.22517	-.01915
.402	10.060	.07771	.25461	-.00270	-.00276	-.00545	.03829	.30919	.12926	.29190	.02141
.403	12.046	.07004	.29318	.03936	.03822	.03478	-.01884	.37410	.18532	.35530	.06542
.403	14.047	.06997	.33067	.07582	.07551	.07361	-.07620	.43780	.23989	.41865	.10647
.404	16.044	.06871	.36246	.11715	.11690	.11540	-.12687	.50088	.29600	.48178	.15158
.404	18.457	.06756	.39175	.16535	.16443	.16712	-.18648	.57556	.36341	.55379	.20483
	GRADIENT	-.00173	.03301	.01420	.01501	.01305	-.02935	.03466	.02403	.03351	.01507

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (NVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.9100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.600	-3.926	-.04180	-.14095	-.23273	-.23771	-.22480	.46798	-.13965	-.22232	-.15306	-.22158
.600	-1.919	-.04183	-.06474	-.20355	-.20804	-.19988	.41525	-.07049	-.17297	-.08257	-.19232
.600	.047	-.02173	.00326	-.17601	-.17839	-.17479	.36270	-.00496	-.12625	-.01909	-.16337
.600	2.062	-.04339	.06612	-.14558	-.14564	-.14567	.29503	.06910	-.07455	.05177	-.13015
.600	4.067	-.02457	.12637	-.11267	-.11267	-.11567	.22999	.14215	-.02463	.12389	-.09535
.601	6.039	-.03523	.17797	-.07727	-.07745	-.08223	.17509	.20164	.02715	.18347	-.05840
.602	8.092	-.03356	.22720	-.04015	-.04071	-.04572	.11155	.26791	.08343	.24746	-.01757
.599	10.057	-.03304	.27067	-.00249	-.00322	-.00734	.05139	.33088	.13917	.31257	.02329
.600	12.033	-.02579	.30961	.03765	.03675	.03264	-.00920	.39455	.19431	.37577	.06556
.599	14.076	-.01852	.34734	.07822	.07716	.07419	-.07003	.45937	.25078	.43983	.10995
.598	16.041	-.04037	.38081	.11910	.11764	.11720	-.12380	.52436	.30852	.50451	.15517
.599	18.555	-.03640	.41578	.17138	.17048	.17257	-.18855	.60381	.38106	.58295	.21369
	GRADIENT	.00164	.03333	.01493	.01565	.01365	-.02986	.03522	.02473	.03447	.01576

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.698	-4.032	.02723	-.12964	-.24239	-.24831	-.23315	.49402	-.12444	-.22020	-.13963	-.22745
.700	-1.862	-.01281	-.04667	-.20842	-.21285	-.20442	.43686	-.04832	-.16567	-.06184	-.19369
.702	.106	-.01359	.02255	-.17885	-.18120	-.17723	.38355	.01814	-.11607	.00269	-.16237
.702	2.124	.00724	.08683	-.14598	-.14707	-.14670	.31477	.09268	-.06330	.07359	-.12859
.702	4.128	-.01371	.14672	-.11084	-.11146	-.11470	.24795	.16821	-.01131	.14856	-.09104
.702	6.108	.00084	.19850	-.07487	-.07524	-.07989	.19174	.22634	.04024	.20781	-.05332
.701	8.109	-.00470	.24533	-.03668	-.03779	-.04303	.12754	.28906	.09638	.26972	-.01305
.701	10.053	-.00545	.28739	.00071	-.00013	-.00395	.06876	.35239	.15115	.33247	.02879
.700	12.059	.00385	.32857	.04330	.04192	.03809	.00479	.41771	.20927	.39849	.07361
.698	14.072	-.00970	.36651	.08423	.08272	.08031	-.05773	.48330	.26622	.46267	.11844
.697	16.054	-.00664	.40099	.12648	.12462	.12403	-.11497	.54763	.32352	.52546	.16439
.700	18.597	-.00415	.43987	.18149	.18034	.18259	-.18164	.62872	.39958	.60747	.22535
	GRADIENT	-.00311	.03391	.01603	.01671	.01450	-.03023	.03576	.02561	.03505	.01663

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (NVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.797	-4.033	.03576	-.09809	-.24864	-.25532	-.23927	.52302	-.08807	-.20580	-.10545	-.22735
.800	-1.961	.03773	-.01824	-.21420	-.21914	-.20992	.47011	-.01444	-.15139	-.03080	-.19353
.801	.024	.03749	.05171	-.18099	-.18388	-.17956	.41753	.05209	-.10048	.03518	-.15972
.802	1.998	.03620	.11305	-.14584	-.14739	-.14652	.35139	.12511	-.04621	.10435	-.12338
.799	4.038	.05047	.17417	-.10788	-.10920	-.11234	.28136	.20281	.00779	.18100	-.08431
.799	5.997	.05202	.22632	-.06968	-.07057	-.07553	.22311	.25918	.05888	.23993	-.04458
.799	8.010	.04222	.27257	-.02953	-.03072	-.03623	.15774	.31925	.11614	.29942	-.00231
.799	10.015	.04615	.31642	.01116	.00969	.00640	.09634	.38479	.17337	.36431	.04252
.798	11.997	.05414	.35850	.05458	.05317	.04934	.03270	.44950	.23146	.42898	.08790
.799	14.004	.03374	.39650	.09819	.09648	.09394	-.03239	.51476	.28996	.49295	.13488
.799	15.993	.04293	.43319	.14187	.14061	.13954	-.09296	.57910	.34889	.55768	.18262
.800	17.991	.04556	.46630	.18721	.18602	.18715	-.14810	.64360	.40906	.62144	.23169
	GRADIENT	.00139	.03363	.01740	.01811	.01578	-.02994	.03588	.02648	.03522	.01772

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (NVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.599	-3.401	-.21175	-.11709	-.22638	-.22450	-.21332	.45071	-.11073	-.20164	-.12333	-.20893
.598	-1.403	-.16908	-.04317	-.19668	-.19590	-.18976	.40258	-.04595	-.15606	-.05947	-.18171
.599	.646	-.12516	.02489	-.16485	-.16494	-.16315	.34162	.02352	-.10682	.00589	-.15076
.599	2.654	-.08287	.08822	-.13240	-.13267	-.13362	.27258	.09533	-.05632	.07703	-.11713
.599	4.671	-.04033	.14685	-.09879	-.09877	-.10247	.21287	.16253	-.00617	.14505	-.08085
.600	6.702	.00224	.19776	-.06293	-.06285	-.06813	.15168	.22274	.04613	.20421	-.04321
	GRADIENT	.02124	.03264	.01581	.01558	.01375	-.02999	.03405	.02429	.03333	.01588

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (NVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.402	8.090	.07801	.21030	-.03918	-.03891	-.04316	.09497	.24424	.07228	.22536	-.02007
.402	10.029	.07122	.25570	-.00227	-.00195	-.00503	.03991	.31034	.12867	.29034	.02071
.398	12.103	.07898	.29329	.03684	.03645	.03293	-.02152	.37605	.18141	.35369	.06309
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.205	-1.736	.10781	-.10484	-.20367	-.22239	-.20972	.35264	-.14140	-.20367	-.11308	-.19969
.203	.234	.10590	-.03253	-.17526	-.19012	-.18354	.29933	-.07322	-.15007	-.07873	-.17539
.201	2.291	.10653	.03064	-.14691	-.15774	-.15537	.23611	-.00077	-.10627	.02208	-.14060
.199	4.149	.10717	.08443	-.12322	-.13426	-.13187	.17410	.05970	-.05984	.07350	-.11893
.198	6.163	.10813	.13517	-.09444	-.10109	-.10093	.11989	.13821	-.00480	.12861	-.07920
.199	8.167	.10866	.19560	-.05673	-.06332	-.06103	.06073	.20521	.06071	.20648	-.03720
.199	10.177	.10863	.23949	-.01585	-.02680	-.02673	-.00059	.27685	.11069	.28096	-.00277
.200	12.191	.10791	.26982	.01912	.01263	.01264	-.05870	.33641	.16171	.35843	.04074
.200	14.188	.10786	.31000	.05673	.05246	.05456	-.11499	.40195	.21335	.40443	.08466
.200	16.186	.10768	.34763	.09624	.09630	.10049	-.17018	.47197	.27450	.47439	.13067
	GRADIENT	-.00007	.03203	.01369	.01507	.01328	-.03036	.03429	.02410	.03356	.01407

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.249	-1.876	.11068	-.00627	-.03920	-.04508	-.04078	.15031	-.13129	-.03936	-.02281	-.03718
.252	.057	.05129	.01291	-.03365	-.03800	-.03519	.12534	-.05852	-.02529	-.00194	-.03094
.250	1.995	.05179	.04226	-.01557	-.01924	-.01782	.11451	.01580	-.00281	.02796	-.01567
.250	4.120	.11117	.06113	-.00775	-.01142	-.01143	.09275	.08269	.01012	.04821	-.00711
.249	6.124	.11102	.07670	-.00037	-.00331	-.00331	.07095	.15026	.02553	.06879	.00102
.250	8.170	.11119	.09432	.01265	.00903	.00902	.04989	.21837	.04416	.09362	.01476
.250	10.164	.11133	.10058	.01738	.01521	.01521	.02813	.27931	.05684	.11280	.02311
.250	12.193	.11155	.11946	.03493	.03279	.03279	.00986	.34880	.07938	.13597	.04139
.250	14.177	.11119	.13553	.05087	.05017	.05090	-.00580	.41977	.10186	.16068	.05879
.251	15.988	.05039	.14458	.06342	.06347	.06419	-.02479	.48204	.11831	.18163	.07273
	GRADIENT	.00039	.01160	.00563	.00600	.00528	-.00921	.03591	.00856	.01217	.00529

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.396	-3.998	.07576	-.15874	-.22253	-.23456	-.21884	.43872	-.19406	-.23790	-.20250	-.21442
.397	-1.853	.07473	-.08361	-.19329	-.20764	-.19670	.37674	-.12114	-.18739	-.12964	-.18754
.398	.077	.07433	-.01747	-.16998	-.18071	-.17339	.32061	-.05277	-.14065	-.06442	-.16072
.398	2.150	.07357	.04916	-.13452	-.14519	-.14378	.25986	.02223	-.08773	.01288	-.12527
.399	4.000	.07232	.10248	-.11281	-.11877	-.11741	.20317	.08771	-.04144	.07322	-.09534
.399	6.023	.07741	.16053	-.07496	-.08321	-.08305	.14540	.15910	.01246	.14887	-.05987
.399	8.015	.07766	.20973	-.04133	-.04723	-.04829	.08712	.22939	.06958	.21090	-.02152
.399	10.050	.07656	.25523	-.00424	-.01011	-.01122	.02614	.29679	.12312	.28679	.01328
.400	12.038	.08017	.29185	.03551	.03085	.03318	-.02975	.36560	.17995	.34779	.06233
.400	14.016	.08562	.32821	.07291	.06944	.07172	-.08913	.42847	.23372	.41680	.10326
.399	16.046	.08973	.36228	.11334	.11107	.11447	-.14610	.49362	.29208	.48382	.14846
	GRADIENT	-.00040	.03278	.01392	.01469	.01278	-.02939	.03534	.02462	.03470	.01501

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.597	-3.912	-.03110	-.14686	-.23511	-.23857	-.22820	.45784	-.18428	-.23782	-.18577	-.22346
.598	-1.986	-.03398	-.07522	-.20720	-.20961	-.20397	.39991	-.11313	-.18958	-.11663	-.19456
.599	.064	-.03601	-.00407	-.17661	-.17762	-.17649	.33833	-.03776	-.13731	-.04345	-.16089
.599	2.044	-.03658	.05244	-.14508	-.14554	-.14608	.27943	.03428	-.08631	.02672	-.13498
.600	4.048	-.03948	.11652	-.11139	-.11129	-.11567	.21761	.10619	-.03302	.09631	-.09959
.600	6.067	-.04003	.17186	-.07505	-.07506	-.08126	.15557	.17927	.02306	.16773	-.06105
.600	8.052	-.03974	.22205	-.03866	-.04195	-.04565	.09711	.25105	.07907	.23682	-.02224
.599	10.064	-.03939	.26782	-.00056	-.00581	-.00816	.03495	.32043	.13578	.30564	.01885
.599	12.054	-.03830	.30840	.03929	.03243	.03143	-.03080	.38752	.19165	.37071	.06179
.599	14.089	-.03841	.34583	.07607	.07430	.07398	-.09284	.45433	.24971	.43670	.10629
.598	16.036	-.03823	.37961	.11843	.11421	.11557	-.15268	.52086	.30616	.50080	.15105
	GRADIENT	-.00097	.03310	.01552	.01597	.01419	-.03012	.03651	.02571	.03546	.01541

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.699	-1.948	-.00568	-.00100	-.05298	-.05504	-.05257	.15846	-.09361	-.04374	-.01387	-.04828
.700	.086	-.00576	.02207	-.04224	-.04373	-.04265	.13781	-.01767	-.02540	.01172	-.03726
.701	2.068	-.00435	.04378	-.03105	-.03238	-.03253	.11721	.05534	-.00696	.03444	-.02593
.701	4.043	-.00724	.06329	-.01964	-.02082	-.02152	.09725	.12750	.01120	.05821	-.01354
.702	6.053	-.00528	.08267	-.00662	-.00831	-.00942	.07687	.20040	.02948	.08165	-.00010
.702	8.087	-.00535	.09999	.00678	.00470	.00346	.05633	.27356	.04935	.10536	.01401
.701	10.054	-.00496	.11403	.01937	.01812	.01647	.03637	.34166	.06809	.12778	.02814
.700	12.048	-.00496	.12833	.03308	.03212	.03062	.01579	.40902	.08692	.14978	.04297
.699	14.091	-.00420	.14130	.04700	.04607	.04511	-.00556	.47770	.10639	.17203	.05833
.698	16.021	.00308	.15290	.06057	.05966	.05953	-.02506	.54183	.12496	.19351	.07305
	GRADIENT	-.00016	.01076	.00557	.00571	.00517	-.01023	.03690	.00918	.01198	.00579

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.800	-1.928	.05483	-.02637	-.21701	-.22206	-.21583	.44791	-.05760	-.16804	-.06424	-.19423
.800	.088	.05206	.04416	-.18003	-.18506	-.18408	.38601	.01692	-.11225	.00870	-.15617
.800	1.962	.05047	.10217	-.14690	-.15051	-.15062	.32738	.08590	-.06111	.07784	-.12616
.799	3.918	.04433	.16012	-.11031	-.11354	-.11613	.26676	.15620	-.00757	.14586	-.08817
.800	5.929	.04650	.21437	-.07061	-.07381	-.07783	.20574	.22902	.05070	.21749	-.04882
.800	7.964	.04279	.26669	-.02770	-.03191	-.03773	.14312	.30249	.10973	.28960	-.00516
.800	9.998	.04286	.31319	.00943	.00525	.00458	.08130	.37325	.17011	.35971	.03998
.800	11.984	.04583	.35639	.05178	.04867	.04760	.01879	.43992	.22677	.42481	.08410
.800	13.984	.05037	.39718	.09451	.09143	.09204	-.04413	.50700	.28625	.49170	.12966
.800	16.014	.05429	.43424	.13972	.13738	.13966	-.10641	.57524	.34686	.55835	.18014
	GRADIENT	-.00170	.03182	.01820	.01855	.01713	-.03102	.03660	.02744	.03604	.01794

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.850	-1.986	.06616	-.00476	-.21476	-.22013	-.21430	.46995	-.03356	-.15415	-.04042	-.18767
.850	-.060	.11948	.06134	-.17833	-.18334	-.18113	.41164	.03706	-.10092	.02830	-.15124
.850	1.941	.03653	.12321	-.14040	-.14409	-.14452	.34969	.10926	-.04423	.10183	-.11265
.850	3.959	.04526	.18202	-.10110	-.10379	-.10685	.28725	.18175	.01277	.17231	-.07205
.850	5.921	.04847	.23452	-.06069	-.06400	-.06841	.22647	.25245	.06811	.24067	-.03484
.850	7.977	.10302	.28785	-.01570	-.02059	-.02635	.16296	.32483	.12827	.31245	.00985
.850	9.994	.10677	.33381	.02215	.02053	.01698	.10113	.39502	.18747	.38106	.05452
.850	12.000	.05483	.37779	.06522	.06331	.06099	.03868	.46244	.24622	.44678	.09991
.850	13.998	.09916	.41676	.10952	.10765	.10818	-.02512	.52884	.30563	.51323	.14747
.850	16.000	.04033	.45492	.15524	.15275	.15387	-.08931	.59575	.36508	.57833	.19583
.850	18.007	.04174	.48949	.20139	.19926	.20291	-.14811	.66262	.42689	.64418	.24586
	GRADIENT	-.00743	.03136	.01910	.01958	.01810	-.03076	.03621	.02811	.03588	.01944

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZC
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.902	-3.966	.12589	-.03682	-.22425	-.23109	-.21950	.55790	-.06645	-.18049	-.07126	-.19519
.903	-2.086	.11509	.02947	-.19044	-.19530	-.18954	.50163	.00210	-.12648	-.00472	-.16244
.902	-.097	.10329	.09236	-.15403	-.15714	-.15628	.44128	.07363	-.07109	.06489	-.12635
.898	1.907	.12601	.15252	-.11801	-.11966	-.12242	.37724	.14189	-.01704	.13189	-.08872
.900	3.946	.12018	.21005	-.07669	-.07757	-.08242	.31442	.21456	.04069	.20217	-.04741
.900	5.975	.08075	.26423	-.03539	-.03599	-.04244	.25007	.28574	.09836	.27165	-.00555
.899	7.994	.10163	.31392	.00732	.00649	-.00086	.18523	.35591	.15627	.33988	.03759
.896	10.011	.09172	.35609	.04945	.04404	.04091	.11830	.42270	.21321	.40599	.08001
.901	12.003	.04963	.40317	.09492	.08901	.08741	.05695	.49149	.27422	.47294	.12761
.898	14.024	.07039	.44264	.13851	.13215	.13248	-.01198	.55704	.33222	.53763	.17279
.895	15.974	.06310	.47692	.18052	.17390	.17626	-.08020	.61910	.38824	.59900	.21733
.896	18.011	.05068	.51290	.22845	.22202	.22682	-.14843	.68739	.45098	.66601	.26913
	GRADIENT	.00000	.03111	.01855	.01932	.01723	-.03086	.03541	.02785	.03449	.01864

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.949	-1.976	.07630	.07115	-.15367	-.15986	-.15242	.53196	.04792	-.08997	.04232	-.12004
.950	-.019	.02780	.13538	-.11541	-.12072	-.11966	.47157	.11650	-.03423	.10995	-.08601
.950	1.978	.08004	.19338	-.07903	-.08286	-.08358	.40997	.18499	.02098	.17666	-.04882
.951	3.955	.03080	.25023	-.04054	-.04406	-.04743	.34646	.25277	.07666	.24330	-.01141
.950	6.019	.07584	.30113	.00072	-.00277	-.00707	.28153	.32466	.13426	.31241	.03079
.949	7.955	.07353	.34887	.04233	.03946	.03280	.21960	.39089	.18862	.37715	.06919
.949	9.976	.07279	.39251	.08129	.08047	.07492	.15467	.45838	.24781	.44361	.11512
.950	12.045	.06039	.43787	.12365	.12343	.11955	.08705	.52464	.30650	.50913	.16008
.950	13.979	.05329	.47652	.16555	.16393	.16172	.02183	.58765	.36208	.57063	.20405
.949	16.000	.02293	.51401	.21135	.20890	.21096	-.04813	.65442	.42226	.63597	.25311
.949	17.985	.04456	.54825	.25662	.25390	.25793	-.11704	.71854	.48244	.69981	.30162
	GRADIENT	-.00423	.03008	.01899	.01947	.01774	-.03123	.03451	.02805	.03384	.01835

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.978	-1.925	-.00323	.10151	-.14478	-.14182	-.14357	.55056	.07875	-.06428	.07261	-.08707
.981	-.047	.02611	.15981	-.09431	-.09805	-.09677	.49487	.14300	-.01046	.13597	-.05931
.980	1.955	.02747	.21849	-.05589	-.05988	-.06145	.43210	.21026	.04396	.20137	-.02535
.981	3.974	.02677	.27293	-.01682	-.02021	-.02463	.36792	.27776	.09933	.26761	.01284
.979	6.033	.02427	.32247	.02294	.01901	.01341	.30260	.34731	.15596	.33510	.05243
.980	8.012	.01845	.36974	.06441	.06219	.05570	.23942	.41415	.21239	.40115	.09192
.979	9.979	-.01260	.41406	.10175	.09985	.09526	.17588	.47933	.26724	.46373	.13296
.980	12.042	.00313	.45834	.14380	.14193	.13953	.10851	.54545	.32582	.52932	.17896
.979	13.949	-.02737	.49555	.18519	.18251	.18230	.04203	.60762	.38142	.59075	.22266
.975	16.022	-.04187	.52947	.22821	.22470	.22725	-.03315	.67084	.43881	.65299	.26897
.980	18.030	-.01021	.56887	.27599	.27339	.27697	-.10224	.73806	.50166	.72002	.32088
	GRADIENT	.00458	.02907	.02141	.02044	.01988	-.03101	.03372	.02768	.03302	.01696

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.051	-1.965	-.02874	.17413	-.07401	-.06374	-.07071	.61063	.15506	.01194	.15020	-.02501
1.048	.092	-.04657	.23028	-.04463	-.03905	-.04726	.54771	.21971	.06051	.21280	.01489
1.050	1.953	-.00823	.28331	-.00612	-.00407	-.01379	.49057	.28120	.11222	.27324	.04419
1.049	3.969	-.02458	.33587	.04066	.03949	.03384	.42577	.34548	.16333	.33468	.07388
1.051	6.022	-.02959	.38442	.08196	.07964	.07366	.36262	.41329	.21968	.40068	.11099
1.050	8.021	-.04148	.42875	.11928	.11640	.11095	.29835	.47664	.27306	.46336	.14835
1.050	9.992	-.03040	.47297	.15442	.15275	.14903	.23554	.53914	.32737	.52443	.18853
1.049	12.003	-.05588	.51244	.19312	.19147	.18947	.16803	.60078	.38053	.58381	.23026
1.049	14.001	-.05704	.55112	.23452	.23231	.23203	.09988	.66221	.43610	.64440	.27405
1.049	16.023	-.05926	.58695	.27817	.27481	.27684	.02910	.72442	.49318	.70664	.32042
1.047	18.007	-.05240	.61745	.31859	.31586	.32051	-.02873	.78346	.54845	.76550	.36479
	GRADIENT	.00248	.02737	.01944	.01751	.01764	-.03111	.03217	.02571	.03121	.01659

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.102	-4.231	.02364	.16405	-.03937	-.01943	-.02753	.71824	.13630	.01857	.13535	.03433
1.097	-3.821	-.03837	.17706	-.03586	-.02658	-.02765	.70422	.15036	.02568	.14769	.02258
1.100	-1.932	.05600	.23235	-.00255	.00646	.00169	.64900	.20809	.07554	.20330	.03693
1.101	.131	.05050	.28859	.02873	.03551	.02619	.58693	.27163	.11645	.26573	.07615
1.099	2.006	-.02897	.33445	.05523	.06146	.05014	.52784	.33034	.16254	.32177	.10598
1.098	4.060	-.02636	.38369	.09968	.10143	.09512	.46375	.39338	.21390	.38340	.13393
1.098	6.010	-.01931	.42743	.13731	.13542	.12906	.40094	.45444	.26365	.44270	.16652
1.099	8.012	-.03436	.47219	.17333	.17034	.16479	.33695	.51666	.31479	.50320	.20276
1.098	9.988	-.03625	.51461	.20649	.20776	.20046	.27217	.57743	.36866	.56378	.24082
1.098	12.021	-.02056	.55299	.24308	.24523	.23929	.20535	.63881	.42180	.62303	.28080
1.098	14.008	.00772	.59063	.28241	.28459	.27973	.13649	.69862	.47574	.68282	.32320
1.097	15.982	-.03715	.62352	.32026	.32247	.31981	.07881	.75741	.52926	.74076	.36568
1.098	18.027	-.04283	.65799	.36276	.36443	.36398	.04234	.81994	.58776	.80173	.41186
	GRADIENT	-.00362	.02657	.01645	.01492	.01441	-.03056	.03095	.02342	.02992	.01328

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-4.230	.03930	.18931	-.01192	-.00419	-.00250	.72592	.16140	.04370	.15803	.02018
1.150	-2.009	.05902	.24721	.02044	.02625	.02790	.65636	.22723	.08209	.22287	.05087
1.150	.011	.05415	.30032	.03926	.05866	.04285	.59251	.28665	.13114	.27984	.08303
1.151	2.027	.05535	.34710	.06827	.07993	.06686	.52728	.34687	.17113	.33825	.10510
1.151	4.114	.05286	.39589	.10092	.11095	.09618	.45908	.40808	.21875	.39838	.14194
1.149	5.708	.03843	.43731	.12734	.13656	.11925	.39474	.46998	.26938	.45781	.17756
1.149	8.003	.03478	.48002	.16521	.17030	.15821	.33364	.52796	.31797	.51435	.20518
1.150	10.080	.05528	.52309	.20573	.20726	.20010	.26615	.59116	.37387	.57704	.24155
1.149	12.084	.04742	.56390	.24042	.24143	.23560	.20202	.65099	.42742	.63567	.27910
1.151	14.054	.05874	.60075	.27586	.27578	.27406	.14157	.70942	.48115	.69359	.32067
1.150	16.024	.03071	.63813	.31841	.31726	.31659	.10314	.77003	.53621	.75260	.36480
1.151	18.060	.05331	.67634	.36336	.36225	.36483	.02819	.83146	.59475	.81422	.41317
	GRADIENT	.00116	.02477	.01320	.01371	.01141	-.03198	.02958	.02118	.02877	.01437

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.200	-4.090	.04524	.20271	-.01067	-.00108	.00613	.71198	.17908	.04960	.16833	.00740
1.197	-1.857	.05683	.25573	.01781	.03000	.02539	.64379	.23821	.09463	.23105	.03895
1.201	.004	.04500	.29993	.03251	.04695	.03542	.58146	.29438	.13144	.28543	.06453
1.198	2.104	.05922	.34729	.06405	.07722	.06332	.51605	.35376	.17868	.34244	.09583
1.203	4.006	.04687	.39001	.09579	.10601	.09188	.45153	.40927	.21913	.39671	.12710
1.202	6.042	.04720	.43432	.12749	.13587	.12256	.38981	.47154	.26317	.45644	.15787
1.201	8.046	.04632	.47926	.15878	.16693	.15345	.32902	.53361	.31395	.51680	.19218
1.199	10.042	.06992	.520.3	.19082	.19832	.18709	.26860	.59308	.36688	.57480	.23703
1.203	12.036	.06196	.56294	.23373	.23831	.23026	.20575	.65598	.42277	.63656	.27803
1.201	14.011	.05374	.60295	.28415	.28387	.28041	.10637	.71587	.47795	.69552	.31949
1.200	16.020	.04726	.64118	.32780	.32633	.32522	.09266	.77716	.53518	.75543	.36516
1.200	18.002	.04626	.67801	.36893	.36690	.36824	.02841	.83805	.59364	.81604	.41086
	GRADIENT	.00033	.02314	.01286	.01298	.01038	-.03217	.02857	.02099	.02819	.01470

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.299	-1.931	.01934	.28711	-.03979	-.02480	-.01550	.64105	.26963	.09544	.25733	-.00831
1.299	-.060	.01592	.32719	-.00452	.01252	.01483	.58390	.31862	.14048	.31129	.02928
1.299	1.936	.01753	.36273	.03797	.05074	.05156	.52043	.37506	.19204	.36736	.06522
1.300	4.028	.01133	.41249	.07696	.09032	.08646	.45308	.43383	.23685	.42348	.10911
1.299	5.939	.01910	.45082	.11751	.12481	.12121	.39290	.48909	.28222	.47650	.14298
1.300	7.974	.01730	.49930	.15958	.16027	.16008	.32795	.55023	.32951	.53573	.18137
1.299	9.940	.01724	.53959	.19546	.20139	.19710	.28145	.60909	.37698	.59337	.22364
1.300	12.007	.01774	.58282	.23572	.23618	.23243	.22199	.67059	.42980	.65408	.26732
1.300	13.936	.01556	.62512	.27040	.27232	.26881	.16432	.73202	.48415	.71429	.31329
1.299	15.981	.00760	.66809	.31248	.31415	.31116	.11072	.79594	.54315	.77697	.36236
1.301	17.985	.00472	.70588	.36109	.36077	.36176	.06363	.85820	.60398	.83964	.40900
	GRADIENT	-.00113	.02073	.01976	.01930	.01724	-.03158	.02764	.02393	.02789	.01954

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.400	-3.954	-.11036	.25216	-.03877	-.04627	-.01955	.69461	.21911	.04863	.21432	-.05917
1.400	-1.985	-.10562	.30043	-.00859	-.01432	.00427	.63358	.27403	.09277	.26616	-.02432
1.399	-.031	-.08954	.33664	.01339	.01884	.02571	.57663	.32406	.13486	.31286	.00794
1.400	1.958	-.08402	.37566	.03883	.05887	.04910	.50701	.37707	.17346	.36623	.05401
1.399	3.976	-.07027	.41354	.08059	.09867	.09399	.43966	.43445	.22070	.42355	.09866
1.400	5.945	-.05978	.45904	.12634	.13615	.13742	.38761	.49651	.27131	.48479	.11983
1.401	8.006	-.04759	.50806	.16296	.16364	.16345	.34534	.56335	.32742	.55012	.16678
1.399	9.955	-.02642	.54957	.18796	.20413	.20245	.27825	.62069	.38542	.60625	.20325
1.401	11.966	-.01489	.58884	.22441	.24033	.23746	.22710	.67744	.43803	.66160	.25521
1.401	14.006	-.00833	.62924	.27682	.28362	.27840	.17783	.73910	.48643	.72262	.30794
1.400	15.969	.00264	.66840	.31833	.32859	.32274	.13016	.80158	.54203	.78287	.36719
1.399	18.004	.01303	.70841	.37280	.38022	.37717	.07973	.86567	.60305	.84444	.41649
	GRADIENT	.00514	.02010	.01446	.01834	.01374	-.03215	.02696	.02145	.02619	.01990

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.548	-3.916	-.13817	.25819	-.02656	-.03898	-.01967	.67824	.23591	.06068	.22048	-.04701
1.549	-1.929	-.13804	.30941	-.00149	-.00469	-.00247	.61343	.28943	.10252	.27588	-.01050
1.550	.009	-.13527	.35289	.02033	.01294	.01770	.55604	.33825	.15070	.32618	.02287
1.551	2.017	-.13365	.38629	.05153	.04462	.04907	.49832	.38709	.18938	.37321	.05604
1.552	4.012	-.13305	.42546	.08513	.09137	.08664	.45636	.44338	.22857	.42665	.10531
1.551	6.030	-.13215	.46682	.13477	.13487	.13489	.39217	.49986	.27757	.48439	.13224
1.550	8.072	-.12939	.50397	.15957	.16098	.15098	.33819	.55931	.33435	.54299	.16891
1.549	10.056	-.12289	.54595	.19165	.19817	.18786	.30148	.62275	.38172	.60463	.21520
1.548	12.088	-.12164	.58988	.23517	.24177	.23453	.24349	.68480	.43798	.66613	.26937
1.547	14.077	-.12430	.62898	.27546	.28382	.27975	.19665	.74287	.49280	.72239	.31407
1.548	16.089	-.12482	.67291	.31762	.32720	.32041	.15024	.81038	.54258	.78780	.36420
	GRADIENT	.00074	.02082	.01396	.01567	.01335	-.02822	.02589	.02134	.02574	.01875

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (NVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.899	-3.948	.09855	-.03346	-.21860	-.22767	-.20894	.56133	-.06609	-.17924	-.07186	-.19674
.901	-2.075	.06819	.03334	-.18475	-.19188	-.17876	.50749	.00310	-.12591	-.00450	-.16311
.902	-.043	.06692	.09936	-.14780	-.15301	-.14525	.44642	.07825	-.06870	.06799	-.12532
.899	1.912	.09827	.15747	-.11240	-.11592	-.11348	.38459	.14557	-.01510	.13483	-.08933
.901	4.013	.07074	.21730	-.07106	-.07307	-.07392	.32011	.21986	.04468	.20728	-.04714
.901	5.955	.07160	.26917	-.03264	-.03459	-.03666	.26105	.28781	.10048	.27440	-.00803
.900	7.975	.07211	.32029	.00804	.00637	.00389	.19905	.35958	.15951	.34347	.03563
.899	9.994	.10249	.36515	.05088	.04845	.04619	.13721	.42703	.21735	.40964	.07983
.898	12.001	.10169	.40567	.09309	.09072	.08929	.07501	.49150	.27472	.47365	.12487
.896	13.988	.10029	.44512	.13626	.13376	.13358	.01169	.55703	.33137	.53687	.17087
.896	16.034	.10189	.48353	.18207	.17924	.18114	-.05345	.62377	.39239	.60302	.22083
	GRADIENT	-.00127	.03141	.01846	.01935	.01685	-.03041	.03588	.02806	.03504	.01874

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.198	-3.971	.04792	.21003	-.01680	.00501	.02105	.71662	.18295	.04487	.17465	-.01369
1.201	-1.989	-.04010	.26036	.01182	.02881	.03271	.65169	.23939	.09010	.23263	.02350
1.199	.078	.04963	.30880	.04045	.05269	.04952	.58904	.29991	.13017	.28927	.06065
1.202	2.000	.04339	.35214	.06185	.07462	.06846	.52429	.35423	.17345	.34326	.09245
1.199	4.043	.05307	.39727	.09205	.10261	.09414	.46115	.41372	.21787	.40058	.12368
1.201	6.037	.04176	.44202	.12127	.13152	.12377	.39835	.47527	.26509	.46019	.16053
1.201	7.984	.04268	.48350	.15784	.16444	.15628	.34310	.53465	.31416	.51797	.19187
1.199	10.068	.05987	.52623	.19410	.20004	.19337	.28304	.59836	.37069	.57994	.23661
1.203	12.034	.04966	.56611	.23769	.24017	.23616	.22466	.65831	.42578	.63936	.27532
1.203	13.983	.04857	.60591	.28646	.28567	.28502	.17417	.71787	.47974	.69715	.31799
1.195	16.063	.05945	.64452	.32886	.32814	.32874	.10719	.77897	.53795	.75856	.36547
	GRADIENT	.00069	.02330	.01338	.01204	.00909	-.03189	.02880	.02145	.02810	.01717

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (NVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.548	-3.832	-.13333	.26715	-.02778	-.03375	-.01983	.68561	.24301	.06703	.22922	-.03917
1.551	-1.943	-.13471	.31162	-.00505	-.00476	-.00607	.62138	.29258	.10328	.27878	-.00935
1.549	.059	-.13346	.36008	.01982	.01671	.02032	.56457	.34612	.15231	.33426	.02508
1.550	2.067	-.13393	.39514	.05560	.05238	.05042	.50577	.39646	.19693	.38211	.05863
1.550	4.112	-.13446	.43519	.08614	.09250	.08677	.45621	.45326	.23511	.43533	.10793
1.550	6.042	-.13399	.47519	.13093	.13211	.13492	.39769	.50769	.28283	.49173	.14032
1.549	8.081	-.13283	.51387	.15965	.16580	.15631	.34545	.56729	.33863	.55147	.17337
1.547	10.091	-.12934	.55381	.19162	.20293	.19196	.30486	.63032	.38746	.61201	.22136
1.548	12.081	-.12857	.59543	.23645	.24240	.23572	.24850	.69024	.43951	.67063	.27115
1.545	14.063	-.12931	.63529	.27863	.28481	.28192	.20518	.74914	.49571	.72808	.31581
1.552	16.095	-.12675	.67577	.31948	.32785	.32235	.15723	.81330	.54516	.79094	.36326
	GRADIENT	-.00007	.02107	.01451	.01558	.01358	-.02885	.02636	.02160	.02591	.01822

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.201	-1.814	1.95195	-.09485	-.20130	-.22705	-.20330	.35690	-.14260	-.20130	-.14385	-.20145
.203	.154	2.06877	-.01660	-.17086	-.18770	-.17908	.29210	-.06883	-.15001	-.07291	-.16890
.203	2.179	2.05506	.06203	-.14009	-.15065	-.15041	.23716	.00365	-.09425	.00159	-.13604
.202	4.153	2.01703	.11932	-.11616	-.12048	-.12659	.18245	.07241	-.04468	.07727	-.10574
.203	6.085	1.98186	.17782	-.08546	-.08554	-.09375	.11724	.14033	.00646	.14230	-.06880
.201	7.845	1.77524	.22524	-.05320	-.05326	-.05743	.06031	.20257	.05173	.21239	-.03396
.201	9.843	1.70506	.26756	-.02177	-.01968	-.02175	.00799	.26993	.10584	.27607	.00586
.201	11.747	1.92228	.31610	.01523	.02376	.01950	-.04667	.33846	.16026	.34383	.04724
.202	13.750	1.81071	.34191	.05072	.06341	.05793	-.10754	.39955	.21314	.40521	.08663
.201	15.741	1.83597	.37487	.09049	.10552	.09586	-.16609	.46511	.27430	.47536	.13117
.200	17.724	1.86563	.39619	.12257	.13989	.13758	-.21997	.52595	.32285	.53191	.17651
	GRADIENT	.00907	.03619	.01436	.01790	.01299	-.02902	.03601	.02638	.03703	.01606

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.250	-1.985	2.03946	.00742	-.03032	-.03830	-.03403	.15099	-.11903	-.03333	-.01402	-.03188
.250	.185	2.06044	.02476	-.02897	-.03482	-.03197	.12525	-.05852	-.02408	.00035	-.02909
.250	2.161	2.05204	.05002	-.01669	-.02037	-.02110	.11037	.01482	-.00386	.02775	-.01679
.250	4.125	2.04723	.07053	-.00760	-.00982	-.00983	.09136	.08131	.01026	.04974	-.00552
.250	6.096	1.95942	.08702	-.00026	-.00175	-.00247	.06771	.14934	.02546	.06985	.00469
.251	7.930	1.99093	.10364	.01251	.01176	.01033	.05166	.21341	.04525	.09583	.01817
.253	10.021	2.07510	.13046	.02952	.03161	.02950	.03652	.29182	.06949	.12418	.03441
.250	11.940	1.89671	.13435	.03435	.03792	.03578	.01219	.34807	.08152	.14010	.04507
.251	13.902	1.92066	.14814	.04714	.05142	.04929	-.00549	.41428	.09982	.16098	.05854
.250	15.709	1.82131	.15920	.06023	.06601	.06458	-.02365	.48275	.11911	.18793	.07390
	GRADIENT	.00081	.01055	.00393	.00489	.00408	-.00956	.03317	.00741	.01073	.00447

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.401	-1.955	2.15572	-.07035	-.18728	-.21295	-.19642	.37109	-.12148	-.18844	-.12712	-.19090
.401	.036	2.07651	.00092	-.16718	-.18474	-.17402	.31527	-.05367	-.14283	-.06055	-.16151
.401	2.050	2.08129	.06963	-.13868	-.15271	-.14437	.25490	.01830	-.09008	.01291	-.12838
.401	4.012	2.07505	.13408	-.10861	-.11566	-.11200	.20232	.08983	-.03697	.08091	-.09367
.402	6.031	2.08018	.19884	-.07291	-.07531	-.07979	.14104	.16119	.01727	.15836	-.05448
.402	7.898	1.95829	.24048	-.04530	-.04190	-.04641	.08145	.22569	.06875	.22319	-.02114
.403	9.941	2.01127	.29487	-.00687	-.00002	-.00800	.02294	.29666	.12388	.29372	.02065
.403	11.847	1.83347	.33170	.02955	.03645	.02841	-.03365	.36037	.17656	.35583	.06058
.402	13.841	1.88477	.36541	.06295	.07794	.06983	-.08885	.42675	.22964	.41945	.10094
.402	15.870	1.88985	.39742	.10532	.11924	.11336	-.14406	.49100	.28882	.48516	.14810
	GRADIENT	-.01192	.03425	.01328	.01626	.01420	-.02846	.03544	.02546	.03502	.01631

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.700	-1.942	1.99182	.00460	-.05133	-.05697	-.05271	.15611	-.09334	-.04363	-.01344	-.04857
.700	.041	1.99897	.02923	-.04151	-.04561	-.04301	.13669	-.01920	-.02568	.01079	-.03778
.700	2.017	1.97667	.05152	-.03097	-.03354	-.03314	.11678	.05304	-.00809	.03418	-.02611
.701	3.980	1.98801	.07198	-.02023	-.02100	-.02170	.09758	.12331	.01050	.05851	-.01385
.701	6.002	2.03808	.09117	-.00839	-.00803	-.00983	.07704	.19428	.02880	.08184	-.00048
.701	7.987	2.00879	.11067	.00414	.00493	.00232	.05500	.26395	.04760	.10466	.01302
.701	9.983	2.09878	.12940	.01673	.01974	.01589	.03278	.33595	.06638	.12861	.02770
.701	11.940	1.94343	.14197	.02991	.03390	.02964	.01288	.40498	.08626	.15026	.04242
.700	13.869	1.94561	.15469	.04271	.04810	.04397	-.00653	.47083	.10467	.17166	.05691
.698	15.856	1.97539	.16666	.05641	.06267	.05895	-.02647	.53709	.12410	.19347	.07316
.697	17.909	1.98493	.17712	.07087	.07814	.07455	-.04663	.60324	.14443	.21535	.08838
	GRADIENT	-.00171	.01137	.00526	.00608	.00521	-.00990	.03658	.00912	.01212	.00587

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.800	-3.993	2.19080	-.08552	-.24499	-.26676	-.24693	.50279	-.13539	-.22345	-.13836	-.23161
.800	-1.945	2.05774	-.00799	-.21266	-.22849	-.21704	.44157	-.05813	-.16922	-.06291	-.19612
.800	-.103	2.07723	.06049	-.18351	-.19411	-.18791	.38531	.01006	-.11782	.00347	-.16278
.800	2.034	2.05185	.13028	-.14544	-.15078	-.15090	.32172	.08913	-.05933	.08270	-.12262
.800	3.997	2.07416	.19293	-.10880	-.11168	-.11462	.26235	.15826	-.00512	.15200	-.08287
.799	5.983	2.14500	.25036	-.07455	-.06976	-.07727	.20076	.22927	.05247	.22259	-.04614
.800	7.938	2.04475	.30382	-.03735	-.02907	-.03870	.13637	.29808	.10789	.28961	-.00444
.800	10.015	2.10130	.36024	.00354	.01914	.00528	.07120	.37238	.16900	.36336	.04171
.800	11.935	1.89652	.39643	.04343	.06081	.04724	.01463	.43733	.22629	.42767	.08511
.800	13.922	1.91091	.43753	.08296	.10070	.09124	-.04609	.50496	.28376	.49373	.13089
.800	15.918	1.91535	.47457	.12819	.14564	.13750	-.10804	.57216	.34419	.55968	.18003
.800	17.964	1.95964	.50865	.17288	.19314	.18633	-.17602	.63783	.40541	.62530	.23063
	GRADIENT	-.01203	.03482	.01702	.01944	.01658	-.03010	.03680	.02738	.03639	.01859

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.850	-1.921	2.02585	.01793	-.21014	-.22556	-.21357	.46201	-.03171	-.15345	-.03716	-.18825
.850	.083	2.04031	.09065	-.17384	-.18402	-.17922	.40117	.04319	-.09666	.03606	-.15006
.849	1.911	2.02590	.14882	-.14040	-.14636	-.14678	.34649	.10938	-.04552	.10347	-.11296
.850	3.916	2.09145	.21498	-.10084	-.10320	-.10755	.28448	.18155	.01184	.17461	-.07185
.850	6.055	2.08356	.27426	-.06305	-.05858	-.06494	.21921	.25655	.07268	.24833	-.03037
.850	7.947	2.05599	.32462	-.02569	-.01732	-.02696	.15644	.32147	.12597	.31233	.00922
.850	10.052	2.07240	.38149	.01794	.03382	.01957	.08859	.39644	.18929	.38667	.05781
.850	11.914	1.82452	.41782	.05642	.07455	.05963	.03445	.45996	.24287	.44821	.10041
.850	13.904	1.94492	.45999	.09963	.11591	.10542	-.02684	.52676	.30260	.51448	.14738
.850	15.960	1.96682	.49751	.14581	.16340	.15545	-.09056	.59576	.36528	.58397	.19836
.850	17.893	1.89778	.53022	.18974	.20990	.20256	-.14906	.65897	.42447	.64650	.24769
.850	18.929	1.89398	.54716	.21262	.23315	.22706	-.18039	.69101	.45482	.67784	.27390
	GRADIENT	.00953	.03358	.01869	.02093	.01813	-.03037	.03650	.02828	.03633	.01997

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.901	-3.993	2.11363	-.02275	-.22019	-.24307	-.22336	.55172	-.06963	-.18194	-.07343	-.19865
.901	-1.992	2.05915	.05129	-.18649	-.20251	-.19131	.49199	.00299	-.12582	-.00213	-.16386
.902	-.031	2.09186	.11979	-.15090	-.16313	-.15705	.43364	.07546	-.06951	.06893	-.12631
.901	1.956	2.05706	.18242	-.11463	-.12017	-.12131	.37297	.14609	-.01382	.13816	-.08800
.899	3.998	2.12144	.24532	-.07666	-.07763	-.08320	.30948	.21651	.04234	.20752	-.04611
.900	5.974	2.14127	.30018	-.03682	-.03400	-.04207	.24856	.28520	.09858	.27430	-.00773
.900	7.870	1.98775	.34877	.00210	.00730	-.00236	.18555	.35042	.15329	.33892	.03375
.899	9.976	2.05688	.40560	.04721	.05570	.04473	.11841	.42258	.21397	.41036	.08036
.900	11.929	1.85725	.44272	.08527	.09824	.08549	.06267	.48773	.27053	.47381	.12427
.899	13.877	1.85070	.48253	.12627	.13993	.12918	.00054	.55264	.32788	.53768	.17017
.900	15.937	1.86382	.52164	.17313	.18855	.17894	-.06670	.62119	.39064	.60544	.22135
.900	17.933	1.89382	.55602	.21707	.23490	.22639	-.14950	.68406	.44907	.66758	.27065
	GRADIENT	.00071	.03348	.01801	.02074	.01758	-.03028	.03589	.02813	.03523	.01912

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.949	-4.034	1.98262	.02067	-.20312	-.21486	-.20501	.58842	-.02502	-.14508	-.02959	-.14952
.950	-1.959	2.04477	.09431	-.15024	-.16829	-.15505	.52760	.04870	-.08904	.04261	-.12089
.949	-.034	2.08820	.15972	-.11485	-.12710	-.12199	.46883	.11664	-.03538	.11115	-.08805
.949	1.998	2.08670	.22062	-.07897	-.08512	-.08585	.40736	.18611	.02241	.18017	-.04956
.950	3.973	2.06688	.28131	-.04022	-.04286	-.04854	.34749	.25355	.07694	.24639	-.01081
.951	6.040	2.07599	.33800	-.00125	.00046	-.00729	.28325	.32311	.13343	.31435	.03278
.950	7.898	2.00234	.38529	.03424	.04321	.03193	.21892	.38720	.18732	.37720	.07211
.950	9.938	2.09564	.43762	.07401	.08818	.07513	.15421	.45507	.24494	.44512	.11731
.951	11.944	1.88598	.47682	.11504	.13215	.11787	.09430	.52005	.30206	.50916	.16073
.950	13.959	1.92110	.51822	.15745	.17463	.16344	.02963	.58793	.36219	.57550	.20789
.950	15.980	1.94944	.55498	.20150	.22014	.21064	-.03657	.65271	.42163	.64023	.25510
.949	17.944	1.91873	.58880	.24536	.26521	.25738	-.10519	.71513	.47988	.70133	.30280
	GRADIENT	.01056	.03243	.01989	.02139	.01914	-.03015	.03478	.02781	.03453	.01746

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.981	-4.081	1.97967	.04869	-.17279	-.17714	-.17184	.61291	.00377	-.11343	-.00004	-.12697
.980	-1.928	2.05338	.12534	-.13977	-.14663	-.14416	.54859	.07788	-.06319	.07399	-.08739
.978	-.014	2.04817	.18443	-.09322	-.10456	-.10046	.49091	.14300	-.01109	.13772	-.06149
.979	2.026	2.03891	.24412	-.05451	-.06075	-.06316	.42890	.21222	.04567	.20595	-.02451
.979	3.994	2.05837	.30401	-.01744	-.02000	-.02639	.36888	.27808	.09949	.27007	.01312
.979	5.991	2.12303	.35757	.01845	.02098	.01257	.30598	.34450	.15400	.33539	.05159
.979	7.940	2.00059	.40560	.05524	.06426	.05326	.23932	.40879	.20803	.39885	.09152
.980	9.961	1.99623	.45768	.09471	.10796	.09495	.17190	.47692	.26519	.46553	.13488
.980	11.932	1.91032	.49563	.13426	.15175	.13784	.11019	.54140	.32244	.52957	.17867
.979	13.945	1.92452	.53710	.17610	.19197	.18163	.04628	.60665	.38096	.59389	.22372
.981	15.898	1.94593	.57490	.21844	.23656	.22814	-.01470	.66946	.43838	.65656	.27106
.979	17.969	1.95422	.61109	.26374	.28336	.27570	-.08600	.73534	.49921	.72084	.32077
	GRADIENT	.00721	.03133	.01968	.01988	.01848	-.03023	.03398	.02659	.03344	.01707

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.051	-4.011	1.97852	.13190	-.10269	-.10988	-.10115	.66720	.08764	-.04066	.08550	-.06583
1.050	-1.942	1.96724	.19963	-.07139	-.07087	-.07075	.60649	.15434	.01194	.15116	-.02769
1.049	-.019	1.98685	.25811	-.04418	-.04127	-.04798	.54843	.21802	.05892	.21319	.01135
1.050	2.009	2.02050	.31798	-.00666	-.00403	-.01462	.48736	.28398	.11294	.27722	.04444
1.048	4.018	2.01674	.36643	.03946	.04006	.03235	.42866	.34644	.16429	.33921	.07588
1.048	6.058	2.06260	.41783	.07439	.08035	.07170	.36610	.40973	.21675	.39770	.10937
1.049	7.995	1.99003	.46222	.10901	.11855	.10807	.30331	.47047	.26823	.46104	.14697
1.050	10.014	2.15290	.51624	.14846	.16305	.14898	.23664	.53716	.32665	.52748	.18994
1.049	11.998	1.95422	.55301	.18483	.20244	.18770	.17248	.59860	.37846	.58648	.23027
1.049	13.933	1.98267	.59131	.22384	.24088	.23023	.11024	.65974	.43426	.64697	.27372
1.051	15.966	2.00396	.62900	.26630	.28511	.27561	.04739	.72132	.49113	.70850	.32086
1.050	17.958	2.01044	.66145	.30787	.32853	.32043	-.01147	.78171	.54641	.76714	.36700
	GRADIENT	.00646	.02936	.01745	.01833	.01616	-.02980	.03235	.02553	.03166	.01777

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.101	-3.861	1.88250	.19129	-.02902	-.03301	-.02646	.70339	.14916	.02675	.14706	.03154
1.101	-1.934	2.03492	.25043	.00649	.00198	.00397	.64559	.20850	.07850	.20513	.03716
1.098	.011	1.99787	.30647	.02680	.03302	.02511	.58880	.26966	.11426	.26470	.07226
1.097	1.967	2.02256	.35858	.05393	.06046	.05024	.53079	.32950	.16156	.32382	.10625
1.098	4.069	1.99743	.41595	.09874	.10021	.09193	.46685	.39347	.21356	.38604	.13408
1.102	6.028	2.08426	.46204	.13349	.13893	.12920	.40718	.45298	.26333	.44598	.16879
1.101	7.940	1.91656	.50499	.16688	.17516	.16483	.34067	.51308	.31405	.50387	.20442
1.099	10.041	2.06116	.55362	.20121	.21490	.20167	.27275	.57686	.36773	.56661	.24058
1.101	11.953	1.94800	.59063	.23616	.25382	.23942	.20836	.63711	.42105	.62587	.28256
1.100	13.871	1.91693	.62769	.27223	.28961	.27744	.14506	.69529	.47266	.68204	.32254
1.101	15.911	1.91806	.66153	.31107	.32878	.31936	.08145	.75585	.52860	.74243	.36371
1.101	17.912	1.94513	.69570	.35126	.37067	.36289	.04871	.81549	.58402	.80184	.40837
	GRADIENT	.01084	.02820	.01535	.01645	.01435	-.02975	.03085	.02312	.03019	.01389

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-3.928	2.01002	.21418	-.00499	-.01166	-.00028	.71219	.17079	.05061	.16796	.01852
1.151	-1.962	2.04859	.27262	.02514	.02487	.02762	.65241	.22932	.08374	.22589	.04616
1.151	.008	2.05114	.32370	.04256	.04978	.04255	.59057	.28754	.13135	.28330	.08991
1.148	2.044	2.04377	.37520	.07057	.07892	.06861	.52873	.34737	.17162	.34142	.10856
1.149	4.047	2.03303	.42496	.09763	.11208	.09648	.46573	.40736	.21822	.39951	.14252
1.150	6.039	2.08258	.47371	.12370	.14178	.12364	.40042	.46733	.26846	.45876	.17916
1.149	7.933	1.93581	.51459	.15815	.17323	.15752	.33452	.52516	.31717	.51431	.20648
1.149	9.940	2.07975	.56322	.19662	.21172	.19763	.26904	.58826	.37166	.57791	.24108
1.149	11.887	1.86793	.59699	.23132	.24729	.23342	.20898	.64704	.42334	.63524	.27804
1.148	13.900	1.90021	.63757	.26801	.28316	.27313	.14930	.70906	.47899	.69573	.32026
1.150	15.857	1.87983	.67458	.30963	.32453	.31555	.11153	.76834	.53489	.75458	.36465
1.150	17.910	1.92817	.71115	.35502	.37136	.36452	.01878	.83045	.59238	.81616	.41372
1.148	18.951	1.95715	.72671	.37957	.39619	.39016	-.00639	.86150	.62431	.84857	.43965
	GRADIENT	.00204	.02626	.01256	.01511	.01175	-.03090	.02962	.02120	.02899	.01554

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.200	-4.012	2.07164	.22305	.00327	-.01073	.00586	.70576	.18201	.03788	.17360	.00351
1.202	-1.980	2.04860	.27693	.01964	.01315	.01892	.64097	.23712	.09100	.23103	.02893
1.201	-.016	2.05734	.32681	.03604	.04347	.03526	.57885	.29433	.12893	.28704	.05971
1.201	2.000	2.05280	.37416	.05811	.07396	.05962	.51515	.35221	.17451	.34306	.09580
1.200	3.978	2.08634	.42152	.08661	.10675	.09215	.45320	.40924	.21955	.39918	.12771
1.201	6.018	2.09593	.46951	.11779	.13953	.12322	.39071	.46844	.26211	.45729	.15742
1.200	7.937	2.07834	.51215	.14597	.17017	.15298	.32973	.52644	.31032	.51394	.19472
1.202	9.993	2.11113	.56269	.18218	.20538	.18826	.26614	.59136	.36659	.57812	.23997
1.198	11.886	1.84725	.59783	.22657	.24262	.22912	.21257	.65010	.42046	.63576	.27705
1.196	13.858	1.87298	.63780	.27791	.28974	.28093	.17197	.71199	.47624	.69572	.32044
1.204	15.934	1.90877	.67753	.32011	.33258	.32445	.08621	.77367	.53323	.75711	.36537
1.202	17.947	1.93565	.71513	.36014	.37511	.36798	.03359	.83394	.59175	.81756	.41225
	GRADIENT	.00167	.02476	.01027	.01482	.01068	-.03161	.02853	.02239	.02822	.01579

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	-4.010	1.88875	.26210	-.05314	-.06129	-.04298	.71027	.21621	.05818	.20975	-.03640
1.301	-1.957	2.02013	.30862	-.02250	-.02976	-.01756	.64162	.27137	.10153	.26379	-.00285
1.300	-.020	2.02373	.35613	.00670	.00582	.01133	.57927	.32201	.14290	.31563	.03331
1.299	1.989	2.04828	.40309	.04403	.04723	.04662	.51864	.37866	.18864	.37242	.07125
1.300	4.021	2.04597	.44932	.08623	.08542	.08475	.45376	.43730	.23720	.43081	.11030
1.299	6.015	2.11577	.49678	.11633	.12190	.11483	.38635	.49745	.28985	.48868	.15083
1.300	7.960	2.02609	.53669	.14690	.16230	.14942	.32068	.55781	.33839	.54737	.18970
1.300	9.999	2.13198	.58184	.17899	.20341	.18727	.28146	.62003	.38798	.60815	.23145
1.301	11.906	1.89701	.61731	.21498	.24525	.22470	.23014	.67701	.43601	.66391	.27591
1.300	13.940	1.94493	.66022	.25886	.28592	.26911	.10999	.74116	.49279	.72696	.32231
1.299	15.926	1.95538	.69933	.30083	.33022	.31424	.11907	.80269	.55018	.78767	.36571
1.299	17.954	1.94618	.73794	.35031	.37366	.36281	.06736	.86546	.60992	.84904	.41288
	GRADIENT	.01716	.02344	.01726	.01851	.01598	-.03179	.02747	.02225	.02753	.01837

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.401	-4.020	1.91267	.27090	-.04783	-.04559	-.02550	.69311	.22065	.04914	.21797	-.05045
1.401	-1.993	1.98557	.32150	-.01354	-.01958	.00021	.62948	.27546	.09467	.26938	-.01556
1.401	-.015	1.97644	.36244	.01482	.01310	.02596	.57240	.32425	.13913	.31642	.01624
1.402	1.977	1.98307	.40275	.04108	.05510	.05305	.50399	.37864	.17501	.36818	.05910
1.399	4.008	2.02120	.44453	.07464	.09932	.09034	.43604	.43331	.23348	.42593	.10618
1.400	6.072	2.05652	.49249	.11988	.13801	.13528	.38260	.49765	.28163	.48848	.12654
1.401	8.039	2.11415	.53334	.15491	.16789	.16255	.33292	.55781	.33761	.54736	.17074
1.400	10.071	2.19329	.58644	.19337	.22472	.20386	.26104	.62540	.39253	.61392	.22699
1.402	11.999	1.98182	.62182	.23250	.25926	.24552	.21919	.68059	.44306	.66783	.26181
1.401	14.063	2.03380	.65895	.26718	.28997	.27561	.16408	.74201	.49926	.72785	.31425
1.401	15.966	2.01402	.69327	.31124	.33376	.32249	.12140	.79927	.54683	.78326	.37145
1.399	18.004	2.01274	.73409	.36435	.38807	.37843	.07975	.86272	.60526	.84587	.43493
	GRADIENT	.01074	.02140	.01496	.01820	.01421	-.03194	.02639	.02243	.02570	.01937

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.548	-3.908	1.84243	.28010	-.02073	-.04088	-.02101	.67790	.23516	.05918	.22435	-.05030
1.548	-1.851	1.85650	.33209	-.00777	-.00075	-.00592	.61027	.29121	.10344	.28338	-.01340
1.549	.114	1.84742	.37843	.01854	.01834	.02034	.55349	.34418	.14809	.33623	.02140
1.549	2.104	1.87373	.41505	.05041	.05026	.05143	.49515	.39017	.19282	.37839	.05291
1.550	4.150	1.88358	.45587	.08087	.09778	.08902	.44656	.44476	.23149	.43141	.09916
1.551	6.220	1.91501	.49627	.11131	.14376	.13144	.38517	.49954	.27698	.48683	.13480
1.552	8.091	1.93765	.53439	.15869	.16821	.15991	.33439	.55308	.32559	.54025	.16760
1.551	10.026	2.07894	.57955	.18443	.20406	.19934	.28781	.61649	.38198	.60310	.21550
1.547	11.923	2.01404	.62221	.21767	.24388	.23939	.24042	.67824	.43101	.66243	.26133
1.546	13.900	2.04322	.66251	.25845	.28904	.27843	.19186	.73910	.48770	.72214	.30437
1.552	15.908	2.07452	.70307	.29758	.32582	.31670	.14194	.80050	.53827	.78321	.34929
1.549	17.898	2.10055	.74785	.35105	.37757	.36783	.09601	.86702	.59991	.84888	.40653
	GRADIENT	.00496	.02165	.01302	.01637	.01382	-.02879	.02582	.02162	.02537	.01820

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (NVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.202	-1.929	-.31382	-.10168	-.21166	-.22030	-.20941	.35555	-.14347	-.19896	-.14401	-.19487
.202	-.016	-.27307	-.03873	-.18516	-.19382	-.18929	.30103	-.07422	-.15969	-.07483	-.17468
.202	2.003	-.23081	.03497	-.14031	-.15101	-.14444	.25050	.00678	-.09808	.00117	-.13409
.202	3.989	-.18963	.08564	-.11300	-.12157	-.11926	.18925	.06736	-.04961	.06873	-.10463
.201	6.053	-.14550	.14341	-.08862	-.09510	-.09494	.12427	.13429	.00503	.13915	-.07379
	GRADIENT	.02098	.03214	.01725	.01716	.01596	-.02778	.03608	.02579	.03612	.01576

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (NVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.250	-1.734	-.25284	-.00277	-.03834	-.03989	-.03705	.14708	-.12125	-.03706	-.01848	-.03561
.250	.144	-.21112	.02017	-.02903	-.03200	-.03130	.12592	-.05487	-.02344	.00016	-.02986
.251	2.144	-.16629	.04406	-.01633	-.01997	-.01785	.11166	.01844	-.00362	.02698	-.01642
.250	4.009	-.18457	.05949	-.01153	-.01448	-.01305	.08680	.08393	.00778	.04657	-.00946
.250	6.242	-.07452	.07651	-.00352	-.00287	-.00359	.06508	.15306	.02646	.07438	.00214
	GRADIENT	.01304	.01096	.00485	.00460	.00445	-.01013	.03583	.00803	.01155	.00479

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.404	-1.870	-.29974	-.08306	-.19526	-.20232	-.18941	.38105	-.12064	-.18725	-.12430	-.18854
.404	.085	-.25709	-.01494	-.16581	-.17397	-.16912	.32700	-.05009	-.13952	-.05839	-.15908
.405	2.152	-.21073	.04577	-.13527	-.14565	-.14086	.26449	.02070	-.08745	.01274	-.12854
.399	4.167	-.16669	.10883	-.10295	-.10892	-.10873	.20600	.09250	-.03393	.08659	-.09017
.398	6.117	-.12287	.16129	-.07427	-.08256	-.08124	.14373	.15868	.01244	.15074	-.05792
	GRADIENT	.02208	.03153	.01524	.01529	.01341	-.02913	.03520	.02538	.03489	.01614

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.599	-1.963	-.18010	-.07855	-.20767	-.21095	-.20547	.40162	-.11228	-.18959	-.11731	-.19335
.599	.091	-.16052	-.00624	-.17736	-.18166	-.17828	.33877	-.03717	-.13962	-.04555	-.16146
.599	2.060	-.09642	.06002	-.14452	-.14932	-.14856	.28073	.03413	-.08808	.02428	-.13324
.599	4.128	-.06717	.11965	-.10848	-.11326	-.11670	.21510	.10883	-.03176	.10046	-.09664
.599	6.169	-.01614	.17522	-.06978	-.07606	-.08005	.15095	.18106	.02531	.17315	-.05692
	GRADIENT	.01987	.03264	.01632	.01608	.01463	-.03052	.03629	.02594	.03573	.01573

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.800	-1.822	-.26162	-.02643	-.21653	-.21672	-.21257	.44686	-.05479	-.16474	-.06015	-.19095
.799	.082	-.21963	.04138	-.18152	-.18481	-.18348	.36771	.01601	-.11416	.00769	-.15699
.800	2.136	-.17642	.10687	-.14374	-.14595	-.14607	.32501	.09018	-.05709	.08260	-.12304
.800	4.197	-.13435	.16856	-.10388	-.10675	-.11039	.26083	.16408	.00113	.15539	-.08142
.800	6.281	-.08868	.22322	-.06343	-.06628	-.07101	.19654	.23732	.05974	.22774	-.04092
	GRADIENT	.02113	.03232	.01869	.01835	.01711	-.03087	.03633	.02759	.03588	.01803

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (NVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.850	-1.940	-.25143	-.00661	-.21348	-.21625	-.21140	.46882	-.03243	-.15271	-.03927	-.18517
.850	.144	-.26439	.06551	-.17415	-.17722	-.17630	.40689	.04471	-.09459	.03477	-.14613
.850	2.202	-.18271	.13130	-.13392	-.13761	-.13836	.34385	.11833	-.03710	.10960	-.10843
.850	4.246	-.12456	.19089	-.09375	-.09676	-.09983	.27968	.19030	.02021	.18117	-.06532
.850	6.335	-.08998	.24571	-.05049	-.05410	-.05948	.21474	.26415	.07933	.25152	-.02598
	GRADIENT	.02239	.03194	.01937	.01931	.01807	-.03058	.03598	.02795	.03571	.01927

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.900	-1.931	-.32159	.02872	-.19096	-.19418	-.18963	.49758	.00452	-.12576	-.00237	-.16275
.900	.161	-.27995	.09669	-.15169	-.15518	-.15402	.43484	.07927	-.06636	.07261	-.12222
.900	2.233	-.20158	.16369	-.11081	-.11427	-.11622	.37159	.15305	-.00755	.14449	-.08164
.900	4.321	-.18726	.22261	-.06882	-.07255	-.07577	.30591	.22505	.04974	.21499	-.04021
.900	6.393	-.14404	.27627	-.02584	-.02954	-.03526	.24035	.29687	.10856	.28511	.00249
	GRADIENT	.02311	.03115	.01956	.01948	.01822	-.03065	.03531	.02810	.03476	.01960

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.950	-1.845	-.29388	.07348	-.15038	-.15253	-.14682	.53008	.05321	-.08461	.04780	-.11643
.949	.191	-.24602	.13670	-.11059	-.11473	-.11397	.46754	.12333	-.02836	.11621	-.08239
.949	2.270	-.19431	.20087	-.07256	-.07581	-.07741	.40396	.19440	.02992	.18586	-.04287
.949	4.361	-.15003	.26100	-.03122	-.03531	-.03984	.33723	.26499	.08788	.25552	-.00211
.949	6.385	-.11012	.31263	.00828	.00422	-.00095	.27140	.33383	.14309	.32216	.03860
	GRADIENT	.02335	.03028	.01911	.01888	.01728	-.03103	.03413	.02782	.03348	.01849

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.981	-1.847	-.27307	.09970	-.14291	-.13687	-.13945	.55039	.08098	-.06139	.07476	-.08443
.979	.196	-.19683	.16347	-.08922	-.09156	-.09084	.46895	.14948	-.00538	.14243	-.05591
.979	2.283	-.14553	.22481	-.04797	-.05223	-.05410	.42424	.21968	.05265	.21107	-.01829
.979	4.387	-.10630	.28265	-.00790	-.01185	-.01629	.35649	.28955	.11014	.27900	.02013
.979	6.418	-.06751	.33396	.03080	.02800	.02323	.29051	.35778	.16549	.34519	.05973
	GRADIENT	.02651	.02935	.02146	.01993	.01953	-.03110	.03348	.02754	.03278	.01691

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (NVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.049	-1.880	-.19879	.17250	-.07308	-.06159	-.06977	.60875	.15634	.01192	.15058	-.02394
1.048	.124	-.16640	.22929	-.04283	-.03695	-.04664	.54686	.22149	.06256	.21419	.01637
1.051	2.223	-.12384	.29369	.00339	.00308	-.00426	.48585	.29022	.12018	.28159	.05060
1.051	4.323	-.05623	.34681	.05058	.04942	.04349	.41948	.35589	.17416	.34592	.08277
1.051	6.472	-.01128	.39932	.09115	.08943	.08372	.35090	.42456	.23039	.41263	.11959
	GRADIENT	.02274	.02836	.02017	.01804	.01848	-.03036	.03222	.02629	.03155	.01710

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.101	-1.920	-.26974	.22762	-.00225	.01267	.00451	.64697	.21129	.07350	.20650	.04226
1.098	.082	-.16714	.28362	.02878	.03670	.02454	.58915	.27124	.11520	.26412	.07824
1.101	2.167	-.10589	.33702	.06224	.06735	.05546	.52312	.33630	.16817	.32828	.11217
1.100	4.279	-.12353	.38875	.10962	.10940	.10168	.45594	.40040	.22037	.38987	.13957
1.098	6.344	-.01847	.43704	.14590	.14374	.13624	.39082	.46232	.27179	.45059	.17169
	GRADIENT	.02117	.02594	.01786	.01553	.01562	-.03091	.03058	.02388	.02970	.01574

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-1.979	-.25665	.24435	.02241	.03071	.02683	.65435	.22879	.08189	.22387	.05646
1.149	.012	-.21629	.29595	.04041	.06094	.04372	.59180	.28799	.13101	.28071	.08589
1.151	2.154	-.18449	.34921	.07161	.08328	.06993	.52312	.35055	.17453	.34201	.10736
1.149	4.267	-.12080	.39707	.10440	.11251	.09827	.45564	.41317	.22325	.40234	.14770
1.149	6.306	-.07772	.44391	.13369	.14098	.12505	.38832	.47473	.27461	.46274	.18169
	GRADIENT	.02105	.02449	.01330	.01281	.01154	-.03184	.02949	.02239	.02858	.01414

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.201	-1.981	-.26826	.25490	.01425	.02735	.02188	.64767	.23956	.09553	.23443	.04099
1.199	.093	-.23748	.30300	.04652	.05256	.04542	.58011	.30028	.13454	.29316	.07389
1.198	2.179	-.18602	.35250	.07583	.08354	.07197	.51186	.36032	.18497	.34976	.10296
1.198	4.250	-.14483	.40022	.10276	.10938	.09616	.44210	.41973	.22562	.40868	.13478
1.199	6.371	-.10171	.44898	.13118	.13810	.12457	.37447	.48332	.27321	.47056	.16979
	GRADIENT	.02030	.02336	.01419	.01333	.01200	-.03296	.02890	.02121	.02788	.01494

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (NVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.299	-1.929	-.24030	.27109	-.04561	-.00602	-.01003	.63973	.26131	.08364	.24824	-.01151
1.299	.039	-.19811	.31094	-.00973	.02522	.02232	.57744	.31451	.12688	.30574	.02117
1.301	2.123	-.15392	.36195	.03268	.06936	.05949	.51211	.37827	.18500	.36916	.06069
1.300	4.246	-.10288	.40957	.07309	.10056	.09065	.44429	.44048	.23838	.42890	.09276
1.299	6.301	-.05950	.45459	.10829	.13088	.12237	.38167	.50172	.29118	.48778	.13318
	GRADIENT	.02216	.02264	.01934	.01766	.01645	-.03162	.02919	.02536	.02937	.01709

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.401	-2.028	-.17838	.28965	-.02008	-.01810	-.00234	.63127	.27828	.09371	.26877	-.01638
1.399	.076	-.13426	.32584	.02027	.01713	.03626	.56835	.33253	.13886	.31840	.01827
1.399	2.205	-.08845	.37210	.04627	.06030	.06539	.49996	.38867	.18084	.37782	.06087
1.398	4.281	-.04296	.41023	.09074	.09768	.10072	.43152	.44599	.23538	.43458	.10655
1.400	6.338	.00219	.45319	.12960	.14258	.14355	.37625	.50771	.28789	.49328	.12709
	GRADIENT	.02147	.01938	.01702	.01855	.01607	-.03171	.02656	.02217	.02645	.01954

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.549	-2.124	-.11464	.31013	-.00095	-.00128	-.00599	.62007	.29249	.10619	.27914	-.00570
1.550	-.045	-.05598	.36513	.03476	.03414	.03001	.56094	.35483	.15201	.34395	.03098
1.549	2.045	-.01271	.39640	.06668	.06134	.05749	.49798	.39794	.21014	.38691	.06260
1.549	4.167	.03577	.43593	.09605	.09643	.09189	.45061	.45296	.23594	.43846	.11102
1.550	6.159	.07846	.47713	.15665	.13744	.13917	.38570	.50780	.28452	.49454	.16783
	GRADIENT	.02358	.01949	.01540	.01528	.01532	-.02725	.02502	.02133	.02484	.01822

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	8.038	.01701	.49935	.16195	.16033	.16187	.32713	.55250	.33216	.53918	.18427
1.300	11.908	.04855	.58231	.23474	.23491	.23115	.22503	.66882	.42837	.65227	.26525
1.299	15.903	.05811	.66623	.31121	.31346	.31047	.11290	.79351	.54225	.77644	.36089
1.299	17.967	.06515	.70698	.35978	.36033	.36075	.06368	.85820	.60390	.83935	.40857
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.319	7.955	.00358	.49633	.16691	.16991	.16510	.33071	.55017	.32967	.53552	.18402
1.319	11.997	.03900	.58535	.22617	.23700	.22663	.22455	.67532	.43233	.65746	.26785
1.320	16.006	.05064	.66603	.30827	.31799	.30984	.10943	.79715	.54539	.77874	.36685
1.320	18.010	.05863	.70456	.35915	.36603	.36212	.06629	.85893	.60690	.84085	.41545
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.340	7.977	-.00549	.49412	.14716	.16766	.16287	.32849	.55123	.33635	.53691	.17080
1.340	12.002	.02713	.58455	.22933	.23667	.23093	.23404	.67615	.43438	.65914	.26448
1.337	16.034	.04138	.67013	.31899	.32928	.31969	.11504	.79930	.55083	.78120	.36370
1.335	18.010	.04997	.70453	.35543	.36575	.35983	.06914	.85795	.60819	.83970	.41652
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.360	7.980	-.02354	.50075	.15178	.16132	.15285	.33951	.55582	.33590	.54222	.18076
1.360	11.974	-.00388	.59083	.22923	.24060	.23170	.22533	.67936	.43649	.66205	.26959
1.360	16.056	.02824	.67461	.31626	.32882	.32039	.11937	.79872	.55273	.78114	.37204
1.361	17.986	.03681	.70987	.36566	.37338	.36861	.07555	.86017	.60739	.84223	.42235
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.378	7.985	-.03572	.50682	.16210	.17766	.16745	.34614	.56076	.33080	.54716	.17335
1.380	11.946	-.00282	.59460	.23706	.24324	.24351	.22775	.67918	.43930	.66375	.25665
1.381	16.045	.01314	.67455	.33223	.33333	.33205	.12582	.80222	.55045	.78499	.37031
1.381	17.961	.01835	.71108	.37197	.37625	.37492	.07684	.86303	.60456	.84399	.42539
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.400	7.991	-.04478	.50879	.15693	.16162	.16143	.34554	.56196	.32477	.54740	.16876
1.400	11.952	-.01467	.58992	.22247	.23952	.23522	.22745	.67575	.43699	.66003	.25409
1.401	16.014	.00039	.66953	.31964	.33045	.32518	.13058	.80206	.54247	.78356	.37044
1.399	17.971	.01113	.70736	.37255	.38054	.37720	.08253	.86298	.60207	.84472	.41678
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.450	7.985	-.07387	.50294	.14369	.15781	.14791	.34029	.56622	.33696	.55185	.16123
1.449	11.857	-.06348	.58647	.22501	.23977	.23519	.23944	.68166	.43697	.66488	.25635
1.451	16.025	-.12111	.66730	.30499	.32011	.31226	.14648	.80238	.54199	.78212	.34356
1.451	18.092	-.11734	.70954	.34842	.36501	.35625	.10013	.86798	.60248	.84679	.39736
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.201	-1.766	.11013	-.01519	-.04868	-.05309	-.04882	.13708	-.14175	-.04954	-.03236	-.04809
.201	2.228	.11051	.02768	-.03041	-.03405	-.03406	.09651	-.00142	-.01775	.02271	-.02909
.201	6.192	.11030	.07003	-.00709	-.00929	-.01073	.06075	.13867	.01858	.06290	-.00429
.201	10.191	.11117	.09898	.01536	.01177	.01248	.01363	.27349	.05396	.10758	.01963
.200	14.198	.11075	.12668	.04423	.03992	.04137	-.01795	.41608	.09274	.15421	.05005
.201	18.204	.11038	.15341	.07869	.07733	.07948	-.04503	.54405	.13784	.20396	.08872
	GRADIENT	.00010	.01073	.00457	.00477	.00369	-.01016	.03514	.00796	.01379	.00476

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.397	-1.964	.08138	-.00655	-.04222	-.04707	-.04315	.14879	-.12377	-.04041	-.02229	-.04039
.399	2.089	.08177	.04064	-.02080	-.02556	-.02402	.11036	.02195	-.00649	.02507	-.01856
.400	6.076	.08096	.08003	.00084	-.00194	-.00117	.07266	.16320	.02953	.07460	.00466
.399	10.062	.08103	.10811	.02125	.01929	.01928	.03020	.29715	.06255	.11904	.02669
.399	14.055	.08145	.13511	.04895	.04781	.04781	-.00834	.43110	.10163	.16399	.05795
.398	18.049	.08187	.15395	.07520	.07410	.07567	-.04536	.55940	.13914	.20412	.08703
	GRADIENT	.00010	.01164	.00529	.00531	.00472	-.00948	.03595	.00837	.01168	.00539

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.599	-1.951	-.03835	-.00517	-.04971	-.05226	-.04968	.15321	-.11234	-.04398	-.01886	-.04673
.600	2.115	-.03766	.04009	-.02915	-.03028	-.03012	.11238	.03717	-.00793	.02943	-.02392
.601	6.089	-.03856	.07742	-.00517	-.00711	-.00815	.07213	.17950	.02736	.07607	.00043
.600	10.078	-.03858	.11029	.01960	.01752	.01683	.03201	.32009	.06479	.12205	.02752
.600	14.086	-.03596	.13602	.04612	.04563	.04511	-.00787	.45468	.10243	.16609	.05702
.598	18.076	-.03387	.15776	.07413	.07195	.07404	-.04790	.58572	.14188	.20931	.08688
	GRADIENT	.00017	.01113	.00506	.00541	.00481	-.01004	.03677	.00887	.01188	.00561

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.699	-1.936	-.00705	-.00114	-.05278	-.05484	-.05224	.15815	-.09382	-.04344	-.01409	-.04838
.702	2.061	-.00744	.04397	-.03121	-.03254	-.03269	.11709	.05521	-.00682	.03440	-.02570
.703	6.114	-.00823	.08301	-.00626	-.00823	-.00920	.07591	.20294	.03014	.08207	.00026
.701	10.066	-.00679	.11430	.01934	.01727	.01616	.03594	.34199	.06753	.12723	.02784
.700	14.084	-.00735	.14120	.04681	.04588	.04492	-.00551	.47751	.10664	.17188	.05839
.697	18.070	-.00510	.16302	.07570	.07398	.07579	-.04484	.60867	.14568	.21535	.08921
	GRADIENT	-.00010	.01129	.00540	.00558	.00489	-.01027	.03729	.00916	.01213	.00567

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.801	-1.983	.04709	.00860	-.05493	-.05702	-.05439	.16724	-.05300	-.03908	-.00315	-.04828
.800	1.919	.04480	.05165	-.03226	-.03351	-.03341	.12713	.08465	-.00332	.04368	-.02519
.800	5.912	.04296	.08975	-.00616	-.00760	-.00865	.08572	.22919	.03466	.08977	.00201
.800	9.967	.04397	.12370	.02180	.02006	.01867	.04343	.37137	.07388	.13634	.03140
.600	13.967	.04370	.14962	.05047	.04947	.04878	.00140	.50682	.11297	.18024	.06245
.799	18.030	.04692	.17303	.08063	.07991	.08051	-.04226	.64153	.15363	.22517	.09512
	GRADIENT	-.00059	.01103	.00581	.00602	.00538	-.01028	.03528	.00917	.01200	.00592

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.900	-1.953	.10581	.02790	-.04735	-.04981	-.04708	.18272	.00992	-.02616	.01652	-.03823
.900	1.965	.10638	.06903	-.02291	-.02411	-.02422	.14270	.15113	.01124	.06295	-.01375
.900	5.944	.07905	.10582	.00461	.00306	.00163	.10160	.28662	.04949	.10787	.01390
.900	9.984	.07976	.13753	.03315	.03175	.03043	.06026	.42423	.08828	.15309	.04393
.900	13.992	.10739	.16561	.06259	.06194	.06063	.01785	.55786	.12760	.19695	.07515
.900	17.996	.10267	.18973	.09299	.09229	.09291	-.02461	.68985	.16749	.23986	.10845
	GRADIENT	.00015	.01050	.00624	.00656	.00584	-.01022	.03605	.00955	.01185	.00625

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.950	-1.973	.05681	.04021	-.03488	-.03710	-.03403	.19456	.05350	-.01439	.03107	-.02449
.950	1.989	.03369	.08107	-.01024	-.01165	-.01165	.15421	.19163	.02289	.07522	-.00136
.950	6.006	.08435	.11743	.01633	.01468	.01333	.11168	.32545	.06088	.12266	.02539
.950	9.980	.02360	.14908	.04373	.04289	.04097	.07032	.45708	.09854	.16327	.05416
.950	14.007	.01365	.17594	.07272	.07193	.07098	.02597	.58832	.13727	.20647	.08492
.950	17.985	.00940	.19981	.10314	.10240	.10252	-.02023	.71869	.17736	.24932	.11784
	GRADIENT	-.00583	.01031	.00622	.00642	.00565	-.01019	.03486	.00941	.01114	.00584

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.980	-2.021	-.00019	.04894	-.03314	-.03211	-.03212	.20145	.07975	-.00731	.03950	-.01470
.979	2.041	.03281	.08925	-.00231	-.00376	-.00376	.16039	.21810	.03072	.08412	.00673
.980	6.025	.03086	.12452	.02339	.02180	.02067	.11829	.35091	.06771	.12793	.03266
.980	9.998	-.00454	.15603	.05050	.04951	.04774	.07583	.47911	.10544	.17013	.06056
.980	14.003	-.02239	.18224	.07895	.07829	.07718	.03163	.61009	.14383	.21321	.09132
.980	18.003	.00647	.20570	.10863	.10821	.10870	-.01528	.73759	.18316	.25557	.12386
	GRADIENT	.00813	.00992	.00759	.00698	.00698	-.01011	.03406	.00936	.01098	.00528

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.050	-1.995	-.02704	.07347	-.00964	-.00653	-.00802	.21992	.15687	.01853	.06549	.00600
1.049	2.060	-.04828	.11172	.01380	.01428	.01250	.17881	.28665	.05340	.10799	.02900
1.049	6.072	-.02341	.14553	.04258	.04153	.04015	.13651	.41648	.08913	.14942	.05259
1.050	10.045	-.02190	.17520	.06803	.06722	.06556	.09424	.54226	.12551	.19073	.07926
1.050	14.074	-.00166	.20094	.09510	.09453	.09386	.04919	.66566	.16220	.23136	.10844
1.049	18.029	-.04686	.22263	.12355	.12274	.12365	.00470	.78797	.19984	.27149	.13914
	GRADIENT	-.00524	.00943	.00578	.00513	.00506	-.01014	.03201	.00860	.01048	.00567

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.100	-2.011	-.01986	.09125	.01307	.01583	.01487	.23170	.21135	.03942	.08259	.02614
1.099	2.052	-.01635	.12699	.03243	.03464	.03168	.19146	.33444	.06844	.12302	.04905
1.100	6.005	-.02448	.15746	.05956	.05905	.05753	.15103	.45404	.10210	.16160	.06860
1.100	10.024	-.01078	.18616	.08325	.08278	.08108	.10887	.57816	.13745	.20246	.09377
1.100	14.083	.03931	.21186	.10856	.10842	.10748	.06609	.69825	.17327	.24202	.12124
1.100	18.076	.03235	.23442	.13534	.13514	.13565	.02671	.81843	.21008	.28135	.15084
	GRADIENT	.00086	.00880	.00476	.00463	.00414	-.00990	.03030	.00714	.00995	.00564

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.148	-1.987	.03939	.09693	.02138	.02305	.02417	.23323	.22904	.04056	.08839	.03087
1.149	2.086	.03878	.12995	.03662	.04084	.03730	.19089	.35055	.07005	.12737	.04812
1.151	6.046	.05813	.15990	.05651	.05917	.05426	.14874	.46659	.10277	.16792	.07169
1.151	10.040	.06707	.18909	.08300	.08283	.08079	.10767	.58714	.13784	.20580	.09363
1.150	14.088	.06219	.21541	.10661	.10656	.10556	.06694	.70845	.17431	.24485	.12075
1.150	18.062	.05279	.23847	.13557	.13548	.13588	.02591	.83073	.21207	.28518	.15179
	GRADIENT	-.00015	.00811	.00374	.00437	.00323	-.01040	.02983	.00724	.00957	.00424

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.200	-1.998	.05089	.09800	.01754	.02127	.02063	.22934	.23545	.04386	.08910	.02327
1.200	2.045	.06296	.12892	.03256	.03732	.03285	.18614	.35174	.07098	.12676	.04343
1.199	6.060	.06113	.15816	.05368	.05629	.05183	.14427	.46782	.10007	.16477	.06669
1.199	10.055	.07340	.18796	.07744	.07999	.07590	.10443	.58927	.13527	.20488	.09295
1.200	14.080	.06967	.21476	.10773	.10824	.10680	.06964	.71168	.17244	.24603	.12057
1.200	18.036	.04676	.23950	.13574	.13603	.13596	.02427	.83629	.21135	.28646	.15119
	GRADIENT	.00299	.00765	.00371	.00397	.00302	-.01068	.02876	.00671	.00931	.00499

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	-1.999	.01468	.10803	-.00064	.00426	.00754	.22938	.26969	.04583	.09859	.00938
1.300	2.014	.01629	.13655	.02550	.02947	.02967	.18742	.37802	.07808	.13534	.03546
1.300	5.952	.01788	.16535	.05200	.05447	.05264	.14659	.49179	.10924	.17226	.06171
1.300	9.980	.02622	.19442	.07871	.08006	.07785	.10759	.61215	.13958	.21138	.08895
1.300	14.018	.02552	.22266	.10368	.10556	.10278	.06710	.73659	.17589	.25221	.11949
1.300	18.041	.01847	.24893	.13465	.13475	.13449	.03382	.86192	.21566	.29353	.15080
	GRADIENT	.00040	.00711	.00651	.00628	.00551	-.01046	.02700	.00804	.00916	.00650

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.550	-1.888	-.12793	.11419	.00997	.00901	.00890	.21575	.29117	.04572	.10351	.00636
1.550	2.047	-.12894	.13995	.02813	.02604	.02731	.17665	.38894	.07474	.13578	.02910
1.550	6.027	-.12802	.16703	.05527	.05470	.05651	.14130	.50057	.10315	.17247	.05513
1.549	10.107	-.12029	.19331	.07542	.07890	.07342	.11147	.62394	.13919	.21345	.08451
1.550	14.069	-.12162	.22102	.10232	.10616	.10302	.07538	.74087	.17527	.25135	.11598
1.549	18.098	-.13278	.24788	.13506	.13949	.13708	.04464	.87134	.21317	.29475	.15112
	GRADIENT	-.00026	.00654	.00461	.00433	.00468	-.00994	.02484	.00738	.00820	.00578

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.219	8.054	2.02335	.18832	.06360	.06987	.06477	.11989	.54110	.11932	.19202	.07953
1.219	11.957	2.18803	.21743	.08763	.09521	.08963	.08333	.65898	.15429	.22978	.10652
1.220	16.095	2.11806	.24529	.11775	.12509	.12099	.04236	.78400	.19373	.27022	.13640
1.218	18.084	2.07728	.25737	.13135	.13931	.13550	.02658	.84500	.21301	.29024	.15193
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.240	8.054	2.02446	.18889	.06311	.06912	.06388	.11829	.54039	.11987	.19031	.07818
1.240	11.968	2.04950	.21716	.08882	.09628	.09052	.06484	.66009	.15415	.22916	.10646
1.238	15.977	2.04826	.24509	.11684	.12413	.11966	.04420	.78276	.19261	.26956	.13537
1.239	18.079	2.06859	.25896	.13189	.13956	.13579	.02757	.84680	.21283	.29131	.15202
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.260	8.045	2.01750	.18919	.06689	.07318	.06747	.12226	.54120	.12005	.19061	.07755
1.259	11.981	2.04742	.21838	.09069	.09352	.08898	.08674	.66310	.15501	.23008	.10574
1.258	15.984	2.06836	.24751	.11871	.12384	.12046	.04599	.78718	.19279	.27049	.13555
1.258	18.096	2.03443	.26079	.13446	.14057	.13759	.02929	.85318	.21417	.29260	.15319
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.280	8.039	2.03566	.18973	.06304	.06525	.06283	.12404	.54266	.12029	.19057	.07697
1.280	11.999	2.06283	.22048	.09139	.09722	.09240	.08552	.66508	.15521	.23099	.10535
1.280	15.970	2.02933	.24935	.11715	.12467	.11985	.04875	.78992	.19329	.27166	.13551
1.279	18.105	2.03235	.26302	.13388	.14201	.13778	.03098	.85531	.21432	.29308	.15285
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	8.026	2.01617	.18977	.06402	.06689	.06228	.12495	.54693	.12161	.19252	.07152
1.300	11.917	2.16776	.22054	.08855	.09548	.09118	.08339	.66434	.15411	.23089	.10154
1.300	15.977	2.01801	.24951	.11357	.12364	.11750	.04907	.79060	.19297	.27143	.13452
1.301	18.072	2.03973	.26348	.12999	.13961	.13502	.03108	.85488	.21393	.29303	.15128
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.320	8.006	2.01764	.18982	.05939	.06685	.06024	.12382	.54863	.12451	.19257	.07118
1.321	12.016	2.04958	.22112	.08130	.09490	.08563	.08218	.67236	.15694	.23267	.10323
1.319	15.986	2.02529	.25046	.10956	.12234	.11494	.04856	.79321	.19378	.27224	.13393
1.321	18.067	1.99448	.26334	.12735	.13823	.13247	.03251	.85718	.21414	.29330	.15174
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.341	8.001	2.01912	.19020	.06137	.06727	.06222	.12577	.54992	.12723	.19246	.07014
1.340	12.007	2.03843	.22330	.08616	.09578	.08927	.08493	.67564	.15856	.23394	.10204
1.340	15.979	2.02636	.25212	.11309	.12515	.11759	.05088	.79753	.19536	.27331	.13706
1.340	18.098	1.98389	.26461	.13079	.14229	.13637	.03464	.86147	.21568	.29488	.15457
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

0A232 AEDC 16T TF431 LFN.1S RA .2P/S (NVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.360	7.994	2.01203	.18998	.06050	.06584	.06106	.12570	.55101	.12592	.19234	.07140
1.360	11.935	2.00672	.22239	.08525	.09452	.08720	.08681	.67605	.15844	.23343	.10521
1.360	15.984	1.97916	.25119	.11437	.12627	.11952	.05137	.79704	.19589	.27330	.13802
1.360	18.040	2.01337	.26473	.13079	.14253	.13645	.03590	.86134	.21495	.29460	.15505
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.380	7.981	2.00908	.19145	.06337	.07004	.06221	.12711	.55711	.12101	.19456	.08037
1.379	11.967	1.96863	.22311	.08801	.09786	.09282	.08708	.67755	.15784	.23386	.10216
1.381	15.941	1.97776	.25077	.11757	.12640	.12033	.05319	.79814	.19426	.27341	.13622
1.381	18.045	1.95208	.26428	.13228	.14220	.13670	.03693	.86513	.21465	.29554	.15633
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.401	7.957	1.99119	.19326	.06718	.07746	.07290	.12773	.56479	.12222	.19694	.07280
1.400	11.908	2.07310	.22238	.08782	.09479	.09272	.08928	.67727	.15595	.23359	.10318
1.399	15.912	1.94836	.24931	.11390	.12507	.11906	.05559	.80102	.19212	.27398	.13896
1.401	18.020	1.94410	.26267	.13201	.14390	.13770	.03866	.86506	.21288	.29486	.15369
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.450	7.958	1.97132	.19549	.05485	.05910	.05778	.12296	.57659	.12698	.20050	.06272
1.450	11.985	1.88933	.22180	.08638	.09356	.08909	.08908	.68665	.15867	.23563	.09510
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.450	16.008	1.95034	.25114	.11242	.12233	.11557	.05784	.80831	.19452	.27577	.12893
1.449	17.954	1.92255	.26337	.12507	.13767	.13034	.04341	.86945	.21328	.29564	.14686
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.200	-1.724	.10896	-.10442	-.20320	-.22044	-.20721	.35353	-.14326	-.20100	-.17102	-.20767
.202	.162	.10889	-.03399	-.17409	-.18263	-.18021	.30371	-.07019	-.14857	-.08707	-.16575
.202	2.150	.10901	.03540	-.13858	-.14711	-.15109	.24126	.00424	-.09612	-.01342	-.13447
.200	4.102	.10890	.08224	-.12660	-.12664	-.12427	.17694	.06504	-.05770	.05207	-.10948
.199	6.155	.10895	.14862	-.08335	-.08554	-.08755	.12255	.14292	.00334	.12690	-.07042
.200	8.172	.10944	.19710	-.04590	-.05451	-.05439	.05943	.21374	.06157	.19920	-.03305
.200	10.191	.10956	.24158	-.01583	-.01801	-.01794	.00146	.28289	.11819	.26747	.00793
.200	12.186	.11012	.28422	.02981	.02981	.02336	-.05208	.34843	.17198	.34233	.05137
.200	14.194	.11033	.31575	.06014	.06015	.06010	-.12018	.40840	.22322	.36718	.08595
.199	16.200	.11056	.34395	.09925	.09927	.10134	-.18021	.47755	.28038	.47923	.13208
	GRADIENT	-.00000	.03231	.01362	.01627	.01428	-.03043	.03591	.02477	.03814	.01672

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.250	-3.986	.04782	-.15240	-.21272	-.23865	-.21469	.42765	-.19707	-.23638	-.20839	-.21070
.251	-2.079	.04761	-.09120	-.19403	-.20694	-.19600	.37604	-.13200	-.19184	-.14473	-.18772
.251	-.007	.04722	-.01393	-.16575	-.17863	-.16988	.31762	-.06174	-.14219	-.08020	-.16372
.252	1.932	.04728	.05023	-.13741	-.15024	-.14580	.25922	.00685	-.09261	-.00521	-.13110
.253	3.917	.04702	.10278	-.10982	-.11828	-.11392	.20383	.07824	-.04456	.06066	-.09937
.254	5.951	.04749	.15939	-.07591	-.08434	-.08212	.14468	.14894	.00812	.13415	-.06546
.253	7.977	.04765	.21274	-.03850	-.04908	-.04689	.08817	.22057	.06704	.21268	-.02798
.252	10.002	.04759	.26326	-.00303	-.00943	-.00939	.03105	.28610	.12049	.27810	.01186
.251	11.976	.04770	.30181	.03738	.03093	.03523	-.03356	.35571	.17491	.33612	.05459
.252	13.990	.04751	.33446	.07374	.06948	.07372	-.09080	.42154	.23181	.42409	.09728
.253	16.030	.04821	.35639	.11596	.11174	.11378	-.14291	.48259	.28776	.48295	.14573
	GRADIENT	-.00010	.03290	.01325	.01501	.01271	-.02848	.03479	.02437	.03419	.01409

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.399	-1.885	.08248	-.07813	-.18804	-.19979	-.18777	.38301	-.11298	-.17980	-.12608	-.18587
.399	.013	.08249	-.01365	-.16264	-.17317	-.16705	.32524	-.04828	-.13467	-.06255	-.16047
.401	1.980	.08196	.04644	-.13404	-.14102	-.14077	.26746	.02096	-.08543	.00709	-.12723
.400	3.996	.08186	.10693	-.10459	-.11276	-.11023	.20568	.08992	-.03486	.07901	-.09540
.401	5.974	.08179	.16287	-.07163	-.08094	-.07962	.14540	.16142	.01657	.15122	-.06010
.400	8.006	.08143	.21382	-.03793	-.04493	-.04482	.08324	.23185	.07157	.21959	-.02166
.401	10.007	.08146	.26151	.00313	.00080	-.00146	.02744	.30420	.13396	.29155	.02164
.400	12.047	.08106	.29850	.04096	.03863	.03630	-.03825	.37023	.18533	.35782	.06427
.399	14.037	.08164	.33424	.07720	.07604	.07481	-.10029	.43385	.23943	.41822	.10644
.399	16.028	.08161	.37070	.11842	.11960	.12065	-.15468	.50145	.30040	.48732	.15235
	GRADIENT	-.00012	.03136	.01423	.01495	.01322	-.03008	.03457	.02469	.03493	.01554

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.600	-1.874	-.04319	-.07172	-.20571	-.21298	-.20594	.39816	-.10639	-.18504	-.11346	-.19557
.600	.028	-.04294	-.00364	-.17908	-.18378	-.18295	.34118	-.03606	-.13673	-.04545	-.16633
.601	2.030	-.04326	.05976	-.14658	-.14919	-.15048	.28052	.03642	-.08224	.02578	-.13127
.601	4.126	-.04440	.12011	-.11176	-.11540	-.11776	.21643	.11193	-.02675	.10256	-.09486
.602	6.079	-.04259	.17635	-.07332	-.07848	-.08192	.15625	.18281	.02784	.17219	-.05593
.602	8.055	-.04281	.22505	-.03991	-.04250	-.04649	.09560	.25416	.08428	.24141	-.01685
.601	10.054	-.04134	.27151	-.00045	-.00252	-.00916	.03661	.32307	.14057	.30902	.02528
.601	12.077	-.04001	.31248	.03711	.03917	.03454	-.02513	.39065	.19858	.37670	.06903
.600	14.076	-.03673	.35084	.07686	.07996	.07577	-.08815	.45762	.25468	.44202	.11353
.600	16.039	-.03301	.38408	.11713	.12076	.11908	-.14809	.52265	.31156	.50627	.15850
	GRADIENT	-.00020	.03191	.01573	.01637	.01487	-.03030	.03637	.02647	.03597	.01687

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.700	-2.035	-.00730	-.06533	-.21754	-.22340	-.21559	.41943	-.09795	-.18928	-.10805	-.20278
.699	.139	-.01408	.00995	-.18343	-.18720	-.18441	.35344	-.01848	-.13174	-.02973	-.16747
.700	2.072	-.00653	.07432	-.15073	-.15448	-.15421	.29524	.05262	-.07941	.03967	-.13354
.701	4.008	.00230	.13389	-.11664	-.11956	-.12099	.23463	.12327	-.02410	.11370	-.09618
.701	6.043	-.00304	.19131	-.07896	-.08227	-.08654	.17229	.19804	.03347	.18549	-.05637
.701	8.045	-.00475	.23825	-.03981	-.04395	-.04837	.11131	.27030	.09234	.25672	-.01514
.701	10.045	.01324	.28517	.00059	-.00229	-.00759	.05115	.33901	.14934	.32496	.02813
.699	12.024	.00462	.32808	.04097	.03973	.03393	-.01113	.40739	.20753	.39166	.07242
.699	14.070	.01986	.36739	.08439	.08234	.07854	-.07686	.47585	.26665	.45867	.11878
.698	16.050	.03820	.40361	.12135	.12469	.12331	-.13750	.54187	.32462	.52403	.16536
	GRADIENT	.00176	.03302	.01671	.01715	.01563	-.03053	.03663	.02730	.03661	.01762

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.800	-3.954	.04038	-.10575	-.25280	-.26084	-.24809	.50836	-.13'62	-.22882	-.14491	-.23248
.800	-1.973	.04221	-.03148	-.22077	-.22707	-.21885	.44917	-.05671	-.17427	-.07202	-.19905
.800	-.059	.04052	.03581	-.18728	-.19219	-.18851	.39067	.01425	-.11984	-.00276	-.16549
.800	1.946	.03434	.10122	-.14958	-.15415	-.15432	.32841	.08942	-.06331	.07233	-.12776
.800	3.976	.03163	.15983	-.11284	-.11635	-.11794	.26683	.16279	-.00586	.14555	-.08790
.799	6.001	.03136	.21665	-.07161	-.07615	-.08022	.20483	.23460	.05320	.21624	-.04557
.800	7.989	.03248	.26809	-.03121	-.03608	-.04088	.14344	.30132	.11111	.28537	-.00380
.800	9.976	.03421	.31163	.01115	.00524	.00144	.08236	.36980	.17019	.35321	.04103
.800	12.010	.03508	.35704	.05351	.05074	.04689	.01844	.43953	.23054	.42255	.08687
.800	14.004	.03785	.39565	.09692	.09450	.09166	-.04270	.50540	.28752	.48824	.13448
.800	15.992	.04120	.43398	.14185	.13944	.13759	-.10433	.57229	.34691	.55378	.18227
	GRADIENT	-.00129	.03355	.01775	.01830	.01643	-.03053	.03715	.02815	.03667	.01823

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.850	-4.019	.09121	-.07758	-.25023	-.25805	-.24423	.53451	-.10261	-.21404	-.11208	-.22391
.849	-2.012	.03418	-.00370	-.21449	-.22004	-.21270	.47362	-.02722	-.15658	-.03763	-.18907
.850	-.045	.09397	.06358	-.17850	-.18243	-.17899	.41317	.04622	-.09983	.03347	-.15271
.850	1.982	.03182	.12712	-.13946	-.14371	-.14322	.35000	.11896	-.04261	.10701	-.11395
.850	3.930	.03660	.18406	-.10060	-.10483	-.10793	.28909	.18608	.01442	.17400	-.07384
.850	5.964	.09852	.24078	-.05900	-.06290	-.06766	.22526	.25652	.07259	.24362	-.03187
.850	7.991	.10075	.29273	-.01603	-.02187	-.02635	.16359	.32794	.13086	.31368	.01309
.850	9.991	.10357	.33713	.02668	.02312	.01731	.10203	.39745	.18992	.38132	.05806
.850	12.013	.04696	.38262	.06997	.06804	.06284	.03865	.46475	.25204	.44901	.10553
.849	14.018	.05126	.42183	.11470	.11213	.10784	-.02346	.53176	.30812	.51455	.15262
.850	16.010	.05727	.45858	.16014	.15855	.15583	-.08542	.59881	.36869	.58022	.20203
	GRADIENT	-.00564	.03289	.01882	.01924	.01720	-.03089	.03638	.02870	.03604	.01886

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.899	-1.933	.13339	.03686	-.18884	-.19520	-.18888	.49734	.01269	-.12660	-.00012	-.16224
.900	-.054	.09408	.09853	-.15533	-.15988	-.15781	.44110	.08082	-.07291	.06722	-.12778
.900	1.933	.12022	.15945	-.11667	-.11971	-.12131	.38008	.14981	-.01462	.13652	-.08907
.900	3.933	.07374	.21542	-.07766	-.08069	-.08384	.31661	.21768	.04132	.20454	-.04977
.900	5.933	.08423	.27101	-.03408	-.03800	-.04422	.25468	.28755	.09989	.27484	-.00677
.899	7.938	.11119	.32286	.00766	.00344	-.00254	.19182	.35724	.15806	.34352	.03776
.900	9.976	.08633	.36855	.05275	.05035	.04401	.12971	.42630	.21711	.41143	.08436
.900	11.997	.06858	.41117	.09511	.09333	.08782	.06417	.49351	.27564	.47656	.12975
.900	14.015	.12082	.45110	.14107	.13900	.13493	-.00103	.55984	.33478	.54172	.17875
.900	15.994	.10687	.48610	.18459	.18342	.18199	-.06608	.62608	.39423	.60725	.22717
.900	18.001	.11208	.52102	.23140	.23024	.23025	-.13280	.69096	.45534	.67247	.27761
	GRADIENT	-.00778	.03045	.01901	.01959	.01796	-.03080	.03491	.02870	.03488	.01921

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.950	-3.991	.02209	.00596	-.20658	-.20721	-.20123	.59588	-.01665	-.14685	-.02460	-.14785
.950	-2.011	.06000	.07319	-.15326	-.16052	-.15140	.53627	.05310	-.09209	.04319	-.12075
.950	.026	.02621	.13713	-.11507	-.12087	-.11756	.47412	.12411	-.03407	.11404	-.08660
.951	1.927	.02801	.19480	-.07963	-.08427	-.08416	.41793	.19074	.02010	.17918	-.05171
.950	3.960	.03426	.25134	-.04044	-.04506	-.04788	.35486	.26049	.07832	.24666	-.01221
.950	5.989	.03247	.30321	.00050	-.00412	-.00841	.29168	.32670	.13566	.31206	.02904
.950	7.985	.08217	.35372	.04145	.03886	.03250	.22934	.39160	.19117	.37814	.07149
.949	9.968	.08615	.39661	.08159	.07987	.07404	.16678	.45802	.24811	.44325	.11483
.950	12.032	.07405	.43997	.12598	.12456	.11899	.10148	.52542	.30797	.50964	.16183
.950	14.000	.01458	.48025	.16988	.16847	.16372	.03799	.58982	.36521	.57273	.20808
.950	15.959	.03634	.51539	.21372	.21232	.20983	-.02608	.65412	.42401	.63612	.25627
.950	18.010	.01165	.55231	.26094	.25926	.25932	-.09374	.71971	.48522	.70151	.30742
	GRADIENT	-.00039	.03087	.02046	.02019	.01885	-.03026	.03487	.02835	.03420	.01715

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.978	-1.951	.03949	.10347	-.14183	-.14047	-.14051	.55548	.08246	-.06695	.07187	-.08912
.979	.004	.02178	.16392	-.09219	-.09585	-.09401	.49569	.15115	-.01030	.13815	-.06040
.980	1.929	.04838	.21920	-.05405	-.05797	-.05869	.43760	.21526	.04387	.20211	-.02647
.980	3.952	.02860	.27462	-.01658	-.01994	-.02405	.37340	.28104	.09926	.26757	.01153
.980	5.970	.02823	.32666	.02380	.01934	.01489	.31147	.34838	.15615	.33436	.05169
.979	7.957	.02060	.37632	.06232	.06093	.05503	.24773	.41508	.21246	.40021	.09308
.977	9.994	.00535	.42040	.10157	.10187	.09561	.18132	.48074	.26933	.46503	.13606
.980	12.005	.06057	.46596	.14717	.14608	.14033	.11788	.54737	.32854	.53087	.18274
.977	13.977	-.01122	.50068	.18909	.18745	.18387	.05007	.61017	.38387	.59155	.22693
.978	16.022	.03146	.53592	.23445	.23254	.23000	-.02033	.67526	.44386	.65591	.27515
.978	18.021	-.00828	.56916	.28017	.27827	.27874	-.08976	.73942	.50384	.71960	.32577
	GRADIENT	-.00034	.02896	.02107	.02034	.01958	-.03078	.03360	.02815	.03316	.01711

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.050	-4.011	-.04137	.11721	-.11047	-.10459	-.10329	.67347	.09319	-.03241	.08879	-.04783
1.050	-2.006	-.03995	.17812	-.07322	-.06496	-.06931	.61489	.16014	.01459	.15323	-.02358
1.050	-.055	-.05610	.23432	-.04513	-.03953	-.04597	.55578	.22396	.05805	.21474	.01222
1.050	1.946	-.05909	.28856	-.00524	-.00376	-.01054	.49537	.28582	.11189	.27693	.04210
1.050	3.967	-.03072	.34056	.04239	.04091	.03646	.43314	.34958	.16686	.33927	.07465
1.050	5.950	-.02846	.38736	.08016	.07781	.07274	.37200	.41304	.22010	.40053	.11122
1.050	8.010	-.04364	.43640	.11839	.11664	.11093	.30743	.47841	.27597	.46494	.15188
1.050	9.991	-.02923	.47683	.15592	.15418	.14843	.24467	.54006	.33031	.52487	.19149
1.050	11.987	-.05063	.51688	.19677	.19533	.18984	.18054	.60145	.38450	.58592	.23386
1.050	14.029	-.04983	.55482	.23844	.23701	.23385	.11384	.66450	.44064	.64737	.27904
1.049	15.995	-.05507	.58873	.27973	.27802	.27688	.04742	.72553	.49600	.70765	.32364
1.050	17.990	-.04488	.62312	.32366	.32226	.32285	-.01610	.78595	.55381	.76814	.37079
	GRADIENT	.00013	.02798	.01878	.01770	.01700	-.03015	.03207	.02491	.03137	.01560

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.101	-1.969	.03297	.22724	-.00208	.00449	.00109	.65389	.20765	.07906	.20116	.03336
1.099	.055	-.02458	.28522	.02825	.03399	.02395	.58987	.27096	.11574	.26274	.07449
1.099	2.012	-.02394	.33174	.05518	.06120	.04941	.53153	.33169	.16254	.32161	.10593
1.101	4.037	.03866	.38590	.09735	.09880	.09041	.46833	.39114	.21189	.38063	.13201
1.098	6.006	-.02105	.42973	.13630	.13490	.12700	.40662	.45444	.26320	.44106	.16507
1.101	8.047	.03941	.47253	.17213	.16960	.16172	.34287	.51647	.31486	.50140	.20043
1.098	10.017	-.03499	.51223	.20790	.20596	.19977	.27915	.57843	.36830	.56265	.23914
1.102	12.052	.02985	.55434	.24492	.24243	.23647	.21250	.63776	.42039	.62080	.27871
1.099	14.010	-.01494	.59192	.28146	.28010	.27521	.14553	.69719	.47385	.67882	.31985
1.100	16.025	.03519	.62476	.32076	.32083	.31814	.07761	.75674	.52907	.73869	.36282
1.100	18.045	.03500	.65751	.35970	.36203	.36211	.03947	.81812	.58671	.79898	.40599
	GRADIENT	.00089	.02616	.01629	.01553	.01469	-.03079	.03060	.02229	.02990	.01639

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-3.934	.03267	.19811	-.00718	.00397	.00482	.71998	.17372	.04775	.16710	.03271
1.150	-1.988	.03226	.24918	.01905	.03100	.02683	.65997	.23204	.08323	.22466	.05603
1.148	.000	.03353	.29901	.04347	.05613	.04907	.59614	.28985	.13816	.28037	.08735
1.150	1.998	.03197	.34702	.06595	.07741	.06731	.53422	.35034	.16955	.33882	.09839
1.150	4.013	.05268	.39412	.09798	.10856	.09570	.47087	.40922	.21637	.39650	.13891
1.150	6.026	.03196	.44012	.12755	.13459	.11991	.40617	.46800	.26747	.45513	.17364
1.149	8.010	.03001	.48353	.16589	.16929	.15964	.34558	.52844	.31915	.51415	.20348
1.149	10.080	.02214	.52451	.20795	.20660	.19945	.27917	.59054	.37420	.57485	.24016
1.150	12.022	.02363	.56410	.24091	.24013	.23491	.22122	.64837	.42656	.63232	.27831
1.146	14.094	.04003	.60432	.27691	.27697	.27392	.15880	.70993	.48092	.69259	.32019
1.147	16.036	.03201	.64065	.31862	.31869	.31645	.10926	.76953	.53712	.75099	.36599
1.149	18.044	.03111	.67577	.36320	.36412	.36351	.03688	.83024	.59476	.81504	.41410
	GRADIENT	.00201	.02464	.01294	.01286	.01118	-.03139	.02964	.02131	.02882	.01282

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.199	-1.874	.06219	.26144	.02056	.03253	.03007	.65254	.24147	.10024	.23796	.03336
1.200	.013	.05093	.30565	.03872	.05526	.04438	.58805	.29818	.13601	.29308	.06667
1.199	2.024	.06468	.35268	.06429	.08169	.06478	.52395	.35421	.18620	.34741	.10129
1.198	4.065	.06276	.39826	.09340	.10810	.09114	.45842	.41524	.22514	.40357	.13697
1.200	5.985	.05268	.43922	.12698	.13380	.11872	.39505	.47336	.26730	.45945	.16674
1.198	8.062	.06082	.48571	.15928	.16663	.15208	.33541	.53625	.31740	.52077	.20059
1.198	10.072	.06415	.52564	.19470	.20206	.18772	.27232	.59819	.37226	.58217	.24423
1.198	12.020	.07192	.56790	.24029	.24360	.23432	.21182	.65780	.42677	.64079	.28232
1.201	13.911	.05199	.60736	.28217	.28331	.27697	.16779	.71515	.47917	.69720	.32226
1.199	16.059	.06624	.64848	.32765	.32854	.32457	.10293	.78060	.54033	.76217	.37059
1.200	18.069	.06521	.68425	.36954	.37070	.36911	.03575	.84235	.59854	.82263	.41757
	GRADIENT	.00081	.02307	.01233	.01277	.01029	-.03259	.02911	.02143	.02779	.01742

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.301	-2.099	.02084	.28563	-.04071	-.04273	-.01862	.65386	.26797	.09844	.25661	-.04047
1.299	-.054	.02245	.32669	-.00543	-.00716	.01003	.58814	.32053	.14705	.31084	-.00488
1.300	1.992	.01930	.37039	.04003	.03917	.04828	.52347	.37848	.19919	.36913	.04319
1.301	3.918	.02128	.41576	.07883	.08255	.08303	.46271	.43275	.24069	.42220	.08773
1.299	6.013	.02304	.46086	.12209	.12326	.11997	.39518	.49527	.29041	.48244	.13533
1.300	7.959	.02137	.50356	.15987	.15962	.15913	.33148	.55319	.33362	.53794	.17826
1.301	9.958	.02969	.54693	.20277	.20052	.19627	.27792	.61340	.38201	.59617	.22320
1.299	12.010	.03138	.58874	.24101	.24135	.23418	.22191	.67584	.43732	.65862	.27380
1.299	14.013	.03011	.63297	.27468	.27875	.27064	.15886	.73913	.49280	.72054	.32395
1.300	15.979	.02479	.67186	.31926	.32133	.31490	.10644	.80034	.55001	.78097	.36674
1.298	18.014	.02671	.71074	.36688	.36667	.36560	.06094	.86390	.61093	.84408	.41465
	GRADIENT	-.00009	.02159	.02010	.02100	.01707	-.03175	.02748	.02384	.02762	.02152

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.401	-1.978	-.03899	.30447	-.01157	-.01100	.00536	.63489	.27925	.09991	.27141	-.02191
1.401	.046	-.04466	.34305	.02484	.02140	.02943	.57535	.33017	.14776	.31794	.00502
1.399	1.976	-.04320	.37994	.04633	.05006	.05059	.50668	.37974	.17775	.36807	.03948
1.398	3.877	-.04274	.41600	.07547	.08123	.07970	.44170	.43166	.22831	.42018	.08817
1.400	5.875	-.04540	.46026	.11844	.13593	.13690	.38562	.49577	.27269	.48331	.11394
1.399	7.959	-.04244	.51160	.15588	.15792	.15686	.34557	.56271	.33192	.54822	.17094
1.401	9.928	-.04313	.55561	.20175	.20898	.20756	.27803	.62372	.39179	.60838	.20190
1.399	11.970	-.03625	.59406	.23357	.24108	.23274	.22445	.68275	.44564	.66585	.25297
1.400	13.987	-.03894	.63410	.27709	.29005	.28079	.17565	.74146	.49427	.72364	.30025
1.401	15.964	-.04001	.67034	.32654	.33035	.32358	.13060	.80427	.54796	.78452	.36589
1.398	17.979	-.03897	.70855	.37738	.38176	.37550	.07909	.86869	.61015	.84891	.42961
	GRADIENT	-.00051	.01905	.01451	.01566	.01252	-.03323	.02599	.02129	.02545	.01867

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.550	-3.908	-.12939	.26075	-.03097	-.03731	-.03694	.67669	.23556	.06382	.22086	-.04017
1.550	-1.938	-.13664	.31024	-.00132	.00058	-.01302	.61451	.28892	.10419	.27656	-.00355
1.549	.101	-.13415	.35715	.02340	.02087	.01453	.55366	.33902	.15805	.32948	.03355
1.549	2.006	-.13436	.38961	.05282	.05188	.04615	.49944	.38788	.19044	.37493	.06677
1.551	4.041	-.13181	.42984	.08352	.09461	.08315	.45168	.44607	.23222	.43002	.11617
1.550	6.042	-.13033	.47081	.13111	.13684	.13166	.39033	.50177	.27963	.48587	.14132
1.550	8.071	-.12786	.51022	.15603	.16844	.14863	.33949	.55966	.33713	.54591	.18055
1.550	10.068	-.12125	.55127	.19593	.20516	.18599	.30301	.62374	.38645	.60839	.22771
1.550	12.078	-.11810	.59394	.23631	.24490	.23045	.24300	.68411	.44029	.66777	.27695
1.549	14.111	-.12056	.63353	.27690	.28489	.27418	.19361	.74363	.49546	.72395	.31985
1.550	16.076	-.12176	.67644	.32149	.32790	.31556	.15046	.81114	.54440	.79089	.37301
	GRADIENT	-.00013	.02105	.01427	.01588	.01509	-.02848	.02621	.02133	.02604	.01931

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.199	-1.834	1.95535	-.09933	-.20120	-.22295	-.21176	.34335	-.14142	-.20332	-.15137	-.20354
.201	.185	2.04675	-.00792	-.16380	-.17880	-.17209	.29117	-.05857	-.14027	-.07413	-.16182
.201	2.159	2.06043	.05616	-.14749	-.15611	-.15370	.22766	.00037	-.10245	-.01032	-.13905
.200	4.155	2.01016	.12458	-.10953	-.11171	-.11579	.18253	.08093	-.04080	.07085	-.09675
.200	6.093	1.97849	.17450	-.09059	-.08415	-.08613	.12056	.14440	.00637	.13566	-.06481
.200	7.827	1.79194	.22593	-.05508	-.04861	-.05498	.06160	.20806	.05511	.19561	-.03352
.200	9.847	1.70553	.26772	-.01814	-.01165	-.02024	.00134	.27802	.11387	.24599	.00349
.200	11.799	1.82293	.31770	.02330	.03195	.02547	-.05244	.34536	.16821	.33708	.04927
.200	13.699	1.80752	.34912	.05460	.06759	.05889	-.11207	.40571	.21902	.41179	.08494
.199	15.718	1.83309	.38091	.09613	.11136	.10256	-.16457	.47110	.27854	.46119	.13748
	GRADIENT	.00897	.03691	.01462	.01788	.01537	-.02737	.03641	.02635	.03663	.01721

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.252	-2.013	1.92393	-.06908	-.18834	-.20970	-.19456	.36554	-.12881	-.19043	-.13295	-.19060
.252	.002	2.04735	-.00730	-.16278	-.18201	-.17115	.31014	-.05919	-.13932	-.07544	-.15863
.252	1.995	2.07041	.07569	-.13456	-.14522	-.14080	.25200	.01196	-.09206	.01198	-.13253
.252	3.987	2.07997	.13766	-.10542	-.11185	-.11171	.19738	.08295	-.04144	.07580	-.09697
.251	6.020	2.10500	.19661	-.07666	-.07668	-.07873	.13851	.15148	.00941	.15999	-.06381
.250	7.934	2.00625	.24611	-.04223	-.04440	-.04648	.07826	.21678	.06748	.21162	-.02506
.250	9.843	1.69448	.30311	-.01018	-.00371	-.01015	.01790	.28882	.12157	.28790	.01573
.251	11.909	1.88358	.34266	.02878	.03953	.03094	-.04216	.35212	.17706	.34900	.05674
.251	13.898	1.92431	.37357	.06523	.07809	.07377	-.09107	.41728	.23217	.41627	.10166
.252	15.921	1.93182	.40813	.10346	.12052	.11193	-.15217	.48077	.28446	.47829	.14399
	GRADIENT	.02461	.03517	.01385	.01652	.01395	-.02814	.03534	.02472	.03569	.01536

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.400	-1.936	2.04605	-.06765	-.18588	-.21029	-.19141	.37322	-.11690	-.18584	-.13027	-.19186
.401	.022	2.05671	.00186	-.16135	-.17760	-.16805	.31683	-.04879	-.13353	-.06182	-.16150
.401	2.016	2.04142	.07292	-.13774	-.14820	-.13985	.25696	.02195	-.08680	.00923	-.12977
.401	4.002	2.04299	.13530	-.10639	-.10989	-.10853	.20117	.09409	-.03238	.08323	-.09377
.402	5.965	2.05162	.19476	-.07096	-.06867	-.07313	.14502	.16405	.02143	.15543	-.05486
.400	7.900	1.94379	.24298	-.03932	-.03818	-.04387	.08145	.22763	.06982	.22200	-.02195
.399	9.957	1.83495	.29479	-.00868	-.00285	-.01445	.01465	.29655	.12312	.28537	.01581
.399	11.830	1.83907	.33557	.03313	.04364	.03430	-.03457	.36229	.18364	.35531	.06349
.398	13.838	1.85170	.37170	.06952	.08363	.07418	-.09264	.43000	.23749	.41742	.10482
.398	15.862	1.87664	.39900	.10934	.12465	.11748	-.15188	.49314	.29399	.48361	.14943
	GRADIENT	-.00124	.03433	.01323	.01669	.01398	-.02908	.03553	.02560	.03593	.01646

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.600	-1.926	1.95809	-.05936	-.20117	-.21928	-.20759	.39527	-.11040	-.18874	-.11661	-.19928
.600	.080	1.95860	.01754	-.17442	-.18634	-.18139	.33549	-.03553	-.13620	-.04337	-.16683
.601	2.085	1.96682	.08559	-.14264	-.15041	-.15015	.27773	.03714	-.08389	.02786	-.13092
.601	4.085	1.97066	.14768	-.11451	-.11557	-.11844	.21651	.10917	-.02867	.10240	-.09456
.601	7.998	1.95717	.25741	-.04365	-.04109	-.05178	.09473	.24471	.07876	.23624	-.01951
.601	10.061	1.89908	.30728	-.00924	.00157	-.01022	.03198	.31782	.13809	.30925	.02373
.601	11.884	1.93373	.34762	.02683	.04075	.02838	-.02523	.38228	.18863	.37123	.06345
.601	13.886	1.98200	.38777	.06703	.08456	.07110	-.08759	.44998	.24784	.43817	.10934
.600	15.897	2.01520	.42046	.10892	.12805	.11656	-.14612	.51743	.30812	.50605	.15703
.598	17.853	2.00446	.44955	.14919	.16995	.15991	-.20485	.58102	.36472	.56762	.20271
	GRADIENT	.00229	.03440	.01456	.01732	.01491	-.02965	.03650	.02658	.03635	.01747

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.698	-1.959	2.00075	-.04433	-.21112	-.22815	-.21745	.41576	-.09496	-.18789	-.10145	-.20261
.700	.082	1.98223	.03144	-.17973	-.19089	-.18688	.35547	-.01802	-.13071	-.02538	-.16712
.700	2.041	2.00788	.10199	-.14914	-.15536	-.15633	.29576	.05305	-.07738	.04464	-.13277
.701	4.095	1.99505	.16549	-.11449	-.11658	-.12253	.23326	.12732	-.02119	.11899	-.09486
.701	6.090	2.02958	.22292	-.07971	-.07727	-.08616	.17302	.19807	.03552	.18992	-.05508
.702	7.969	1.97410	.27591	-.04458	-.04007	-.05064	.11026	.26459	.08806	.25652	-.01545
.702	10.040	1.87970	.32568	-.00469	.00351	-.01038	.04413	.33988	.14827	.32845	.02977
.700	11.880	1.90655	.36865	.03350	.04588	.03144	-.01394	.40402	.20463	.39329	.07190
.700	13.862	1.93882	.40749	.07265	.08997	.07588	-.07530	.47146	.26255	.45269	.11763
.700	15.860	1.95279	.44267	.11421	.13235	.12068	-.13784	.53976	.32085	.52615	.16579
.700	17.910	1.97817	.47489	.15936	.17961	.16744	-.20090	.60526	.38292	.59196	.21480
	GRADIENT	.00039	.03478	.01593	.01840	.01567	-.03018	.03668	.02751	.03635	.01777

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.800	-3.939	2.03094	-.08736	-.24444	-.26706	-.24736	.50378	-.12882	-.22602	-.13657	-.23245
.800	-2.045	2.07342	-.01222	-.21548	-.23225	-.21948	.44734	-.05717	-.17472	-.06685	-.20099
.800	.000	2.05554	.06290	-.18122	-.19273	-.18558	.38521	.01971	-.11695	.00941	-.16327
.799	1.978	2.05768	.12789	-.14758	-.15423	-.15301	.32627	.09063	-.06142	.08201	-.12579
.800	3.989	2.08144	.19186	-.11083	-.11294	-.11698	.26415	.15983	-.00380	.15324	-.08587
.800	6.006	2.10920	.25065	-.07351	-.07214	-.07933	.20171	.22991	.05384	.22351	-.04509
.800	7.947	2.06394	.30632	-.03502	-.03156	-.04052	.13721	.29614	.10870	.29061	-.00309
.800	10.017	1.85387	.35712	.00632	.01256	.00217	.07328	.36908	.17003	.36153	.04206
.800	11.941	1.88748	.39846	.04551	.05799	.04514	.01188	.43655	.22710	.42676	.08748
.800	13.904	1.91571	.43916	.08677	.10274	.08950	-.05091	.50308	.28367	.49103	.13364
.800	15.895	1.91011	.47577	.12973	.14917	.13658	-.11190	.57044	.34389	.55742	.18285
.798	17.981	1.94270	.51155	.17627	.19721	.18521	-.17777	.63927	.40685	.62532	.23562
.798	18.963	1.95260	.52573	.19852	.22151	.21159	-.20962	.67020	.43725	.65730	.26192
	GRADIENT	.00425	.03513	.01686	.01943	.01647	-.03020	.03647	.02806	.03665	.01854

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.849	-3.974	2.05947	-.05922	-.24300	-.26551	-.24573	.52549	-.10168	-.21238	-.10961	-.22525
.850	-2.002	2.09662	.01572	-.20853	-.22504	-.21352	.46627	-.02636	-.15590	-.03590	-.18993
.851	-.034	2.11406	.08717	-.17385	-.18554	-.18081	.40581	.04728	-.09911	.03670	-.15325
.851	1.965	2.12168	.15147	-.13774	-.14423	-.14374	.34624	.11884	-.04198	.11017	-.11364
.850	3.993	2.08435	.21632	-.10142	-.10307	-.10747	.28525	.18695	.01505	.18003	-.07333
.850	5.964	2.14451	.27432	-.06059	-.05931	-.06698	.22195	.25514	.07354	.25065	-.02959
.849	7.944	2.06393	.32777	-.02218	-.01928	-.02958	.15684	.32057	.12831	.31441	.01148
.849	10.033	1.84843	.38020	.02055	.02896	.01635	.09241	.39385	.18978	.38623	.05843
.850	11.921	1.83561	.42044	.06032	.07360	.05997	.03154	.45958	.24660	.44975	.10339
.850	13.923	1.91607	.46213	.10248	.11903	.10599	-.03325	.52738	.30423	.51479	.15049
.850	15.908	1.90609	.49809	.14621	.16600	.15292	-.09870	.59458	.36447	.58118	.20040
.849	17.942	1.92925	.53356	.19238	.21410	.20131	-.16847	.66008	.42594	.64567	.25172
	GRADIENT	.00372	.03451	.01779	.02039	.01740	-.03018	.03630	.02858	.03645	.01910

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.900	-3.941	2.05678	-.02093	-.22030	-.24502	-.22408	.55392	-.06258	-.18678	-.06992	-.19912
.900	-2.084	2.07112	.04848	-.18844	-.20704	-.19496	.49746	.00629	-.13184	-.00292	-.16725
.900	-.046	2.11651	.11914	-.15240	-.16432	-.15805	.43578	.08039	-.07324	.07010	-.12874
.900	1.976	2.08994	.18361	-.11764	-.12345	-.12209	.37502	.15222	-.01632	.14248	-.08971
.900	3.982	2.10629	.24772	-.07879	-.08034	-.08419	.31352	.22131	.04211	.21263	-.04838
.899	5.913	2.16409	.30283	-.03910	-.03820	-.04577	.25057	.28410	.09806	.27769	-.00734
.900	7.882	2.02661	.35361	.00068	.00464	-.00417	.18781	.34990	.15332	.34376	.03634
.900	10.011	1.84314	.40553	.04392	.05275	.04117	12185	.42204	.21552	.41483	.08291
.900	11.896	1.82934	.44641	.08320	.09600	.08193	.06007	.48650	.27217	.47701	.12708
.900	13.993	1.90688	.49169	.12724	.14430	.13111	-.00628	.55693	.33186	.54476	.17690
.900	15.923	1.87786	.52610	.17053	.18943	.17589	-.06900	.62123	.39110	.60779	.22481
.900	17.912	1.87469	.55946	.21583	.23718	.22572	-.13441	.68504	.45033	.67094	.27652
	GRADIENT	.00589	.03377	.01778	.02075	.01772	-.03031	.03585	.02880	.03569	.01905

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.950	-4.053	2.03607	.02125	-.20157	-.21603	-.20284	.59155	-.01855	-.14792	-.02573	-.15122
.949	-1.984	2.10660	.09497	-.14871	-.16841	-.15552	.52951	.05383	-.09204	.04495	-.12249
.949	-.008	2.07007	.16042	-.11299	-.12575	-.11925	.47177	.12391	-.03516	.11641	-.08759
.951	2.023	2.04860	.22215	-.07788	-.08454	-.08414	.41037	.19292	.02182	.18405	-.05055
.950	3.944	2.10564	.28245	-.04215	-.04447	-.04844	.35107	.25863	.07688	.24980	-.01306
.950	6.031	2.08938	.33799	-.00269	-.00125	-.00872	.28665	.32505	.13515	.31799	.03077
.950	7.948	1.99201	.38819	.03655	.04146	.03106	.22233	.38536	.18817	.37940	.07008
.951	9.957	1.96853	.43880	.07663	.08616	.07370	.15859	.45352	.24767	.44703	.11505
.950	11.951	1.82302	.47963	.11747	.13017	.11682	.09387	.52211	.30579	.51202	.16104
.949	13.889	1.89959	.52233	.15798	.17507	.16221	.02905	.58610	.36172	.57362	.20636
.950	15.961	1.95515	.55922	.20264	.22262	.20915	-.03857	.65225	.42239	.63992	.25650
.950	17.916	1.94772	.59110	.24718	.26943	.25710	-.10643	.71622	.48138	.70185	.30699
	GRADIENT	.00406	.03249	.01950	.02135	.01902	-.03000	.03468	.02817	.03451	.01740

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.976	-2.013	1.94347	.11533	-.13744	-.14645	-.14117	.55294	.07936	-.06954	.07041	-.09153
.979	.038	2.03645	.19285	-.08798	-.09971	-.09452	.49167	.15129	-.00908	.14176	-.05989
.979	1.975	2.07030	.24763	-.05380	-.06022	-.06009	.43313	.21549	.04468	.20526	-.02602
.979	3.999	2.05086	.30531	-.01578	-.01830	-.02325	.37294	.28607	.10241	.27258	.01237
.981	6.014	2.10355	.36232	.02184	.02379	.01573	.30957	.34995	.15758	.33799	.05386
.980	7.954	2.02127	.40927	.05670	.06424	.05304	.24588	.41013	.20869	.39742	.09246
.980	9.914	1.92413	.45735	.09474	.10510	.09242	.18193	.47391	.26398	.46140	.13422
.982	12.005	1.93101	.50210	.13851	.15222	.13921	.11480	.54283	.32497	.53071	.18220
.980	13.912	1.93635	.53996	.17780	.19464	.18069	.04955	.60561	.38047	.59217	.22613
.980	15.939	1.94520	.57933	.22088	.24108	.22791	-.01935	.66948	.43972	.65616	.27483
.979	17.970	1.96969	.60909	.26580	.28850	.27639	-.09081	.73342	.49960	.71959	.32500
	GRADIENT	.01787	.03129	.02000	.02123	.01944	-.02997	.03427	.02852	.03355	.01730

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.049	-4.003	1.89573	.13165	-.09266	-.11220	-.09730	.67047	.09158	-.03591	.08729	-.04069
1.050	-1.958	1.95303	.20018	-.06680	-.06949	-.06762	.60779	.16008	.01547	.15455	-.02895
1.050	-.003	2.00471	.25967	-.04312	-.04166	-.04603	.54975	.22355	.05897	.21669	.00955
1.050	2.027	2.00477	.31590	-.00580	-.00374	-.01080	.49095	.28783	.11273	.28122	.04181
1.050	4.028	2.01448	.37083	.04001	.04031	.03409	.43084	.34900	.16560	.34382	.07492
1.050	6.044	2.08477	.42154	.07554	.08029	.07195	.37034	.41067	.21902	.40455	.11169
1.050	8.002	2.01184	.46797	.11122	.11833	.10790	.30630	.46985	.27073	.46310	.14852
1.050	10.020	2.03389	.51806	.14812	.15967	.14655	.23856	.53523	.32677	.52765	.19016
1.050	11.946	1.93586	.55422	.18555	.20009	.18691	.17672	.59650	.38070	.58599	.23211
1.049	13.924	1.96242	.59427	.22455	.24326	.22973	.11055	.65953	.43503	.64680	.27681
1.050	15.950	1.99986	.63169	.26593	.28760	.27433	.04271	.72153	.49261	.70816	.32294
1.051	17.949	2.00207	.66265	.30902	.33242	.32120	-.01671	.78183	.55018	.76903	.37152
	GRADIENT	.01442	.02964	.01628	.01850	.01595	-.02974	.03206	.02496	.03191	.01505

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.098	-1.979	1.93984	.24539	-.00403	-.00489	-.00429	.64518	.20618	.07348	.20116	.02936
1.101	.040	2.03548	.30335	.02676	.03270	.02591	.58648	.26706	.11153	.26170	.06834
1.101	2.035	2.06642	.36001	.05223	.05903	.04880	.52486	.32816	.15773	.32169	.10265
1.099	4.029	2.01599	.40657	.09587	.09702	.08846	.46534	.38908	.20890	.38105	.12979
1.099	6.084	2.04144	.45876	.13294	.13665	.12658	.40165	.45021	.26111	.44049	.16390
1.097	7.996	1.99455	.50073	.16374	.17028	.15962	.33837	.50696	.30768	.49604	.19726
1.098	10.037	2.03451	.54680	.19832	.20827	.19669	.27168	.57064	.36240	.55880	.23613
1.102	11.854	1.86207	.58448	.23325	.24658	.23327	.20900	.62942	.41395	.61679	.27441
1.098	13.940	1.97139	.62313	.26795	.28671	.27303	.14245	.69113	.46961	.67763	.31721
1.101	15.878	1.91212	.65921	.30603	.32814	.31528	.07568	.75095	.52385	.73704	.36113
1.100	17.905	1.93313	.69192	.34782	.37107	.36012	.04063	.81291	.58311	.79884	.40916
1.100	19.879	.30783	.68222	.40123	.40244	.40528	-.03772	.86985	.63809	.85062	.45190
	GRADIENT	.01300	.02699	.01624	.01659	.01504	-.03003	.03046	.02260	.02995	.01677

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-3.944	2.00688	.21682	-.00164	-.00751	.00424	.71239	.17349	.05226	.16704	.01819
1.149	-1.937	2.01399	.27390	.02573	.02853	.03020	.65383	.23398	.08418	.22795	.05288
1.150	.036	2.02871	.32497	.04663	.05891	.05052	.59076	.29210	.13918	.28501	.08989
1.150	2.026	2.06033	.37554	.06762	.07707	.06675	.52880	.35126	.17169	.34378	.11320
1.150	4.020	2.04605	.42589	.09737	.10970	.09563	.46657	.40900	.21654	.40095	.14109
1.149	6.066	2.04735	.47405	.12496	.14088	.12349	.40128	.46603	.26847	.46081	.17661
1.150	7.932	1.98545	.51614	.16074	.17195	.15812	.33831	.52280	.31694	.51598	.20557
1.149	9.882	1.89758	.56002	.19773	.20895	.19677	.27737	.58373	.36911	.57520	.23890
1.149	11.917	1.87358	.60042	.23380	.24640	.23392	.21376	.64692	.42506	.63565	.27885
1.148	13.894	1.90700	.64030	.26822	.28471	.27166	.15244	.70707	.47888	.69383	.31934
1.150	15.889	1.91221	.67637	.31009	.32774	.31657	.10667	.76901	.53659	.75541	.36749
1.150	17.908	1.93465	.71099	.35562	.37406	.36454	.02516	.82970	.59529	.81618	.41592
	GRADIENT	.00627	.02614	.01206	.01423	.01103	-.03100	.02958	.02092	.02935	.01539

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.197	-1.990	2.04311	.28096	.02793	-.00002	.02765	.64991	.23941	.09926	.23392	-.01442
1.199	.070	2.04395	.33482	.04444	.04065	.04522	.58505	.29877	.13391	.29213	.03224
1.198	2.066	2.05053	.37990	.06346	.07813	.06775	.52145	.35653	.18231	.34937	.07844
1.198	4.019	2.06599	.42450	.08845	.10991	.09243	.45880	.41349	.22385	.40481	.12219
1.198	6.032	2.08807	.47577	.11998	.14336	.12420	.39435	.47332	.26793	.46313	.16626
1.201	7.929	2.02582	.51926	.15048	.17109	.15141	.33166	.52887	.31501	.51828	.20206
1.197	10.006	1.81744	.56295	.18878	.20591	.18830	.26533	.59551	.37072	.58257	.24511
1.197	11.894	1.85774	.60516	.23153	.24542	.23127	.20551	.65527	.42525	.64216	.28222
1.202	13.907	1.90837	.64514	.27470	.28938	.27709	.16917	.71403	.47951	.70044	.32420
1.199	15.883	1.90826	.68378	.31791	.33317	.32242	.08353	.77748	.53781	.76172	.36918
1.198	17.907	1.90941	.71862	.36002	.37773	.36800	.02765	.83754	.59566	.82125	.41703
	GRADIENT	.00374	.02376	.01000	.01835	.01082	-.03181	.02896	.02107	.02846	.02277

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	-1.965	1.97817	.30790	-.01970	-.03514	-.01794	.64553	.27302	.10627	.26464	-.01773
1.298	.020	2.02979	.35468	.01006	-.00450	.00978	.58313	.32494	.14756	.31775	.01719
1.299	1.979	2.06454	.40564	.04349	.03319	.04260	.51907	.38064	.19421	.37375	.05610
1.299	4.006	2.04174	.45136	.08124	.07300	.07946	.45345	.43944	.24319	.42986	.09383
1.301	6.040	2.10263	.49988	.11855	.11543	.11443	.38254	.49940	.29985	.48972	.13749
1.299	7.952	2.02213	.54191	.14534	.15796	.14518	.31591	.55836	.34037	.54717	.17493
1.299	9.998	2.00536	.58217	.18021	.20134	.18571	.27489	.62000	.38904	.60736	.21998
1.301	11.905	1.88984	.62184	.21638	.24559	.22328	.22586	.67708	.43840	.66338	.27261
1.301	13.902	1.92981	.66067	.25946	.28774	.26742	.16770	.74110	.49395	.72547	.32355
1.300	15.964	1.95750	.70368	.30338	.33350	.31246	.11306	.80443	.55456	.78820	.36776
1.299	17.930	1.96522	.73759	.35179	.37467	.36163	.06508	.86393	.61016	.84626	.41337
	GRADIENT	.01129	.02422	.01692	.01822	.01636	-.03222	.02793	.02302	.02776	.01880

OA232 AEDC 16T TF431 LA .2P/S RA .2A (NVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.399	-3.951	1.92708	.27221	-.04403	-.02940	-.02388	.69361	.22248	.05501	.21957	-.03402
1.399	-2.062	1.98129	.32444	-.02099	-.00409	-.00263	.63263	.27695	.09101	.26759	-.00324
1.399	-.026	1.97470	.36479	.01797	.02890	.02659	.57206	.32675	.14593	.31979	.02776
1.399	2.010	1.98051	.40379	.05066	.06127	.04833	.50139	.38132	.18048	.37298	.06130
1.401	4.008	2.00170	.44781	.07834	.09438	.08027	.43130	.43420	.24056	.42562	.11075
1.400	6.040	2.10302	.49572	.11914	.14303	.12562	.37418	.49638	.28637	.48694	.14684
1.400	8.038	2.10702	.53687	.15684	.17119	.16239	.33616	.55706	.34231	.54558	.18360
1.400	10.115	1.94794	.58741	.19578	.21306	.20073	.26277	.62458	.39620	.61193	.23070
1.401	11.977	1.97140	.62418	.23901	.25025	.23903	.21583	.67873	.44650	.66385	.26587
1.399	13.972	2.00552	.66044	.27146	.29332	.27430	.16482	.73781	.50076	.72276	.31270
1.400	15.995	2.01067	.69682	.31354	.33140	.31863	.12072	.79832	.54817	.78099	.37207
1.399	18.010	2.02016	.73156	.36634	.38940	.37395	.07600	.86020	.60574	.84193	.43272
	GRADIENT	.00737	.02152	.01584	.01566	.01297	-.03281	.02640	.02305	.02589	.01772

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.550	-3.884	1.77379	.28390	-.02349	-.04030	-.03771	.68035	.23741	.06331	.22869	-.04729
1.550	-1.889	1.84667	.33444	-.00764	-.00131	-.01806	.61412	.29169	.10508	.28525	-.01209
1.550	.100	1.85984	.37935	.01928	.01833	.01041	.55638	.34276	.15318	.33650	.02403
1.550	2.143	1.86100	.41988	.04938	.05319	.04461	.49500	.39153	.19669	.38173	.05765
1.550	4.161	1.87869	.45945	.08074	.10072	.08418	.44583	.44613	.23500	.43428	.10456
1.550	6.194	1.95135	.50164	.11161	.14390	.12924	.38872	.49975	.28106	.48820	.13824
1.550	8.107	2.01912	.54041	.15818	.17280	.15807	.33615	.55334	.32935	.54214	.17190
1.550	10.075	1.93643	.58275	.18575	.20605	.19321	.28835	.61742	.38506	.60535	.22194
1.549	11.895	1.99044	.62669	.22107	.24714	.23582	.24302	.67702	.43293	.66583	.27071
1.550	13.923	2.04652	.66851	.26315	.29612	.27403	.19297	.73981	.49145	.72586	.31488
1.549	15.882	2.09257	.70996	.29366	.33424	.31147	.14400	.80317	.53945	.78568	.35904
1.549	17.875	2.09671	.75345	.35027	.38526	.36714	.09705	.86800	.60307	.85253	.41713
	GRADIENT	.01111	.02169	.01320	.01673	.01524	-.02923	.02571	.02162	.02523	.01856

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (NVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.700	-1.945	-.21587	-.05934	-.21433	-.21562	-.21157	.42123	-.09107	-.18212	-.09850	-.19719
.701	.002	-.17182	.00876	-.18153	-.18364	-.18293	.36391	-.01889	-.12919	-.02791	-.16480
.702	2.035	-.12579	.07709	-.14754	-.14923	-.15103	.30213	.05557	-.07389	.04539	-.12915
.702	4.113	-.08251	.13878	-.10969	-.11342	-.11733	.23581	.13105	-.01674	.12106	-.09045
.703	6.181	-.03740	.19979	-.07207	-.07538	-.08056	.17056	.20514	.04122	.19399	-.05038
	GRADIENT	.02207	.03278	.01722	.01688	.01557	-.03059	.03666	.02729	.03622	.01762

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.200	-1.708	.10331	-.09974	-.19061	-.21447	-.20774	.35918	-.14607	-.20571	-.15163	-.19506
.200	.137	.10451	-.02572	-.16115	-.18270	-.17819	.30760	-.07527	-.15681	-.08374	-.16556
.200	2.134	.10608	.02966	-.14137	-.16089	-.15854	.24620	-.01007	-.11319	-.01796	-.14146
.200	4.213	.10742	.08779	-.11067	-.12580	-.12780	.18270	.06480	-.05888	.05541	-.10858
.200	6.138	.10875	.14881	-.07748	-.09474	-.09893	.12510	.13166	-.01067	.12938	-.07107
.201	8.137	.11107	.20175	-.03879	-.05158	-.05150	.07402	.20758	.05485	.20595	-.02818
.201	10.165	.11210	.25034	-.00098	-.02015	-.01798	.01179	.27754	.10548	.27582	.00540
.202	12.171	.11333	.29245	.03910	.02855	.02644	-.04746	.34340	.16361	.32191	.05178
.203	14.189	.11512	.31698	.07403	.06357	.06354	-.10606	.40876	.21428	.43203	.08873
.203	16.176	.11651	.34487	.10477	.09435	.10054	-.17078	.46635	.27169	.46789	.12988
	GRADIENT	.00070	.03120	.01313	.01456	.01312	-.02992	.03530	.02450	.03475	.01435

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.396	-1.917	.07926	-.08301	-.18732	-.20515	-.19425	.38304	-.12505	-.18727	-.13039	-.18507
.397	.032	.07939	-.01418	-.16042	-.17698	-.16852	.32440	-.05319	-.13916	-.06370	-.15463
.397	1.999	.07942	.04905	-.13261	-.14563	-.14545	.26614	.01206	-.09484	.00186	-.12680
.397	4.009	.07838	.10905	-.09954	-.11372	-.11357	.20452	.08670	-.03943	.07957	-.09018
.397	6.022	.07849	.15874	-.06960	-.08022	-.08128	.14932	.15531	.01396	.15046	-.05435
.398	8.027	.07906	.21436	-.03360	-.04537	-.04646	.08626	.22746	.06862	.22135	-.01835
.398	10.028	.07938	.26117	.00173	-.00532	-.00880	.03107	.29545	.12495	.28692	.02050
.397	12.033	.07921	.29974	.04189	.03483	.03248	-.02875	.36401	.17959	.35262	.06074
.397	14.026	.07911	.33696	.08112	.07523	.07519	-.08864	.42809	.23430	.41936	.10355
.397	16.049	.08105	.36719	.11982	.11513	.11740	-.14635	.49245	.29169	.48482	.14815
	GRADIENT	-.00013	.03237	.01475	.01548	.01343	-.03008	.03548	.02471	.03523	.01583

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.598	-2.039	-.04092	-.07978	-.20960	-.21954	-.21050	.40079	-.12011	-.19355	-.12534	-.20054
.600	.111	-.04529	-.00616	-.17931	-.18610	-.18022	.33729	-.04008	-.13859	-.04845	-.16715
.600	2.039	-.04698	.05672	-.14915	-.15438	-.15316	.27659	.03029	-.08739	.01964	-.13492
.600	3.993	-.04908	.11455	-.11595	-.12065	-.12308	.21717	.10101	-.03295	.09391	-.09908
.600	6.000	-.04848	.16922	-.07975	-.08501	-.08861	.15625	.17329	.02216	.16506	-.06229
.601	8.000	-.04855	.22022	-.04149	-.04769	-.05069	.09627	.24522	.07825	.23563	-.02047
.600	10.064	-.04538	.26776	-.00259	-.00726	-.01084	.03460	.31741	.13791	.30753	.02271
.599	12.040	-.04187	.30861	.03772	.03358	.03099	-.02546	.38465	.19402	.37177	.06570
.599	14.029	-.03714	.34615	.07908	.07549	.07234	-.08800	.45096	.25127	.43821	.11072
.599	16.077	-.03416	.38058	.12105	.11798	.11841	-.15021	.51832	.30993	.50482	.15742
	GRADIENT	-.00131	.03228	.01552	.01639	.01444	-.03053	.03665	.02661	.03624	.01680

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.700	-2.042	-.00816	-.06438	-.21590	-.22380	-.21530	.42171	-.09836	-.18901	-.10729	-.20281
.700	.148	-.00991	.01000	-.18102	-.18726	-.18416	.35293	-.02086	-.13148	-.02878	-.16587
.702	2.066	-.01194	.07456	-.14950	-.15447	-.15388	.29570	.05046	-.07959	.04084	-.13273
.701	3.979	-.01170	.12900	-.11473	-.11929	-.12079	.23771	.12016	-.02498	.11209	-.09710
.701	5.966	-.01104	.18638	-.07818	-.08438	-.08757	.17526	.19313	.03101	.18303	-.05762
.700	8.031	-.01014	.23988	-.03735	-.04395	-.04759	.11341	.26701	.09031	.25669	-.01554
.701	10.046	-.00879	.28393	.00342	-.00235	-.00767	.05326	.33693	.14877	.32420	.02896
.699	12.047	-.00423	.32726	.04385	.03972	.03559	-.01267	.40611	.20631	.39273	.07274
.698	14.050	-.00098	.36616	.08455	.08042	.07829	-.07593	.47217	.26238	.45684	.11736
.696	16.054	.00175	.40202	.12830	.12417	.12365	-.14164	.53953	.32173	.52354	.16533
	GRADIENT	-.00054	.03230	.01675	.01732	.01568	-.03049	.03636	.02721	.03641	.01752

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.798	-1.998	.03057	-.03167	-.21779	-.22481	-.21726	.44858	-.06156	-.17217	-.07026	-.19843
.800	.022	.03419	.03823	-.18191	-.18821	-.18383	.38762	.01461	-.11452	.00490	-.16118
.800	1.984	.03678	.10148	-.14657	-.15147	-.15199	.32594	.08717	-.05866	.07714	-.12477
.800	3.965	.03853	.16229	-.10802	-.11327	-.11590	.26480	.15476	-.00241	.14800	-.08585
.800	5.997	.04188	.21645	-.06874	-.07501	-.07804	.20220	.22763	.05559	.21882	-.04412
.800	7.982	.04455	.26664	-.02742	-.03404	-.03884	.14006	.29923	.11361	.28836	-.00173
.800	10.011	.04803	.31384	.01565	.00870	.00489	.07438	.37033	.17406	.35926	.04415
.800	11.995	.05201	.35737	.05629	.05282	.04794	.01254	.43703	.23053	.42426	.08931
.799	13.998	.05841	.39717	.10084	.09808	.09557	-.05425	.50541	.29063	.49127	.13672
.799	16.024	.06224	.43427	.14601	.14289	.14138	-.11980	.57339	.35157	.55862	.18562
	GRADIENT	.00133	.03250	.01837	.01871	.01692	-.03088	.03635	.02847	.03662	.01885

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.850	-1.977	-.01089	-.00566	-.21233	-.21917	-.21085	.47053	-.02533	-.15439	-.04026	-.18851
.850	-.062	-.01061	.06000	-.17734	-.18256	-.17880	.40994	.04568	-.10035	.02799	-.15286
.849	1.935	-.01186	.12321	-.14004	-.14364	-.14379	.34893	.11746	-.04354	.10051	-.11454
.850	3.949	-.00934	.18478	-.09903	-.10326	-.10572	.28597	.18492	.01377	.17148	-.07453
.850	5.957	-.00837	.23881	-.05832	-.06287	-.06730	.22361	.25658	.07291	.24132	-.03281
.850	7.985	-.00845	.29105	-.01466	-.02016	-.02496	.15790	.32816	.13329	.31325	.01279
.850	10.024	-.00681	.33774	.02896	.02508	.01927	.09388	.39794	.19329	.38220	.05869
.850	11.988	-.00447	.37932	.07089	.06767	.06279	.03089	.46457	.24985	.44726	.10480
.849	14.000	-.00281	.41944	.11525	.11333	.11034	-.03569	.53206	.31103	.51432	.15281
.850	16.025	-.00027	.45867	.16134	.15877	.15767	-.10250	.59961	.37153	.58085	.20167
	GRADIENT	.00017	.03208	.01908	.01956	.01773	-.03108	.03552	.02839	.03579	.01923

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

. REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.900	-1.980	.07470	.02840	-.18935	-.19792	-.18979	.49932	.00117	-.12810	-.00357	-.16356
.901	-.001	.07249	.09342	-.15268	-.15940	-.15618	.43801	.07483	-.07002	.06879	-.12663
.900	1.973	.07069	.15721	-.11553	-.12071	-.12147	.37573	.14560	-.01553	.13596	-.08923
.900	3.975	.10464	.21396	-.07576	-.07975	-.08208	.31511	.21687	.04333	.20628	-.04839
.900	5.969	.07693	.26739	-.03400	-.03919	-.04338	.25338	.28426	.09961	.27339	-.00693
.900	7.987	.07942	.32006	.00894	.00316	-.00108	.18868	.35432	.15881	.34307	.03783
.900	9.981	.11112	.36568	.05186	.04791	.04301	.12499	.42271	.21783	.41034	.08327
.899	11.999	.10869	.40734	.09516	.09243	.08718	.05798	.48986	.27645	.47578	.12905
.900	13.996	.07874	.44745	.14083	.13720	.13252	-.00756	.55540	.33607	.54084	.17657
.900	16.018	.07892	.48447	.18677	.18346	.18118	-.07558	.62364	.39765	.60711	.22640
.900	18.047	.07420	.51892	.23284	.23075	.23085	-.14079	.68880	.45848	.67268	.27800
	GRADIENT	.00445	.03127	.01905	.01982	.01804	-.03099	.03618	.02867	.03512	.01930

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.949	-1.982	.05388	.07040	-.15275	-.16002	-.15030	.53527	.05481	-.09232	.04032	-.12190
.948	-.011	.07757	.13152	-.11560	-.12257	-.11925	.47388	.12157	-.03631	.10660	-.08933
.950	1.936	.02827	.19169	-.07793	-.08372	-.08419	.41520	.19146	.01895	.17347	-.05289
.949	3.980	.08601	.24943	-.03939	-.04489	-.04742	.35052	.26071	.07668	.24213	-.01342
.950	5.987	.08375	.30163	.00075	-.00416	-.00817	.28835	.32663	.13439	.31049	.02876
.950	7.949	.08474	.35224	.04146	.03858	.03279	.22574	.39185	.19129	.37610	.07036
.949	10.002	.08931	.39826	.08422	.08192	.07667	.15790	.45989	.25024	.44289	.11546
.947	12.001	.07577	.43613	.12519	.12290	.11846	.09163	.52339	.30605	.50551	.15942
.951	14.039	.01313	.47893	.17282	.17055	.16694	.02384	.59203	.36868	.57357	.20952
.950	15.942	.03737	.51342	.21515	.21231	.21039	-.04328	.65354	.42507	.63453	.25503
.952	18.019	.00882	.55245	.26372	.26002	.26151	-.11172	.72044	.48793	.70104	.30683
	GRADIENT	.00246	.03011	.01905	.01937	.01733	-.03091	.03466	.02835	.03389	.01825

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.980	-2.081	.00937	.09177	-.14677	-.14601	-.14556	.56199	.07194	-.06988	.06546	-.09014
.980	.046	.03264	.15987	-.09380	-.09775	-.09513	.49746	.14508	-.00937	.13643	-.05934
.980	2.007	.03323	.21917	-.05486	-.05936	-.06012	.43679	.21185	.04498	.20156	-.02619
.980	3.910	.03541	.27167	-.01843	-.02349	-.02651	.37623	.27790	.09871	.26549	.00979
.979	5.939	.03090	.32268	.02100	.01570	.01208	.31396	.34626	.15554	.33270	.05118
.980	7.962	.03477	.37435	.06228	.05978	.05417	.25009	.41116	.21371	.39998	.09331
.980	9.950	.00029	.41618	.10271	.10051	.09486	.18506	.47499	.27114	.46497	.13686
.980	12.006	.00981	.45801	.14588	.14398	.13911	.11744	.54159	.32944	.52982	.18238
.980	13.993	-.01562	.49558	.18995	.18667	.18373	.04890	.60570	.38732	.59232	.22725
.980	16.016	-.02645	.53403	.23481	.23211	.23079	-.02112	.67256	.44722	.65755	.27718
.980	18.015	.01322	.56924	.27923	.27796	.27882	-.08954	.73615	.50662	.72060	.32566
	GRADIENT	.00401	.03007	.02130	.02039	.01971	-.03099	.03434	.02810	.03337	.01667

RUN NO. 167/ 0 RN/L 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.050	-1.963	-.03566	.17798	-.07078	-.06430	-.06925	.61383	.15167	.01457	.15068	-.02431
1.049	-.011	-.05021	.23202	-.04353	-.03881	-.04646	.55497	.21563	.06052	.21183	.01219
1.049	1.940	-.05442	.28613	-.00474	-.00446	-.01126	.49551	.27917	.11283	.27541	.04130
1.050	3.965	-.02538	.33870	.04303	.04037	.03590	.43271	.34436	.16731	.33778	.07512
1.049	5.981	-.01991	.38755	.08019	.07784	.07215	.36905	.40901	.22126	.40059	.11088
1.050	7.988	-.03590	.43462	.11861	.11687	.11026	.30670	.47438	.27720	.46424	.15166
1.050	10.014	-.02505	.47578	.15792	.15591	.14956	.24186	.53778	.33237	.52670	.19306
1.049	12.002	-.00521	.51637	.19772	.19631	.19110	.17587	.59950	.38708	.58749	.23588
1.049	13.994	-.00335	.55342	.23753	.23644	.23327	.10564	.66076	.44004	.64652	.27903
1.049	16.017	-.06232	.58716	.28135	.27909	.27824	.03267	.72345	.49799	.70796	.32501
1.050	17.994	-.05396	.62191	.32483	.32259	.32377	-.02586	.78486	.55583	.76862	.37213
	GRADIENT	.00139	.02717	.01929	.01767	.01779	-.03055	.03251	.02588	.03167	.01659

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.100	-1.895	.04138	.22845	-.00259	.00474	.00053	.65145	.20645	.07616	.20301	.03497
1.100	-.033	-.02159	.28208	.02621	.03271	.02367	.59346	.26907	.11059	.26059	.07057
1.100	1.941	-.02636	.33252	.05188	.05923	.04904	.53426	.33019	.16020	.32035	.10303
1.101	4.017	.03931	.38243	.09552	.09781	.09098	.47174	.38831	.21277	.38182	.12975
1.100	6.001	.03728	.42681	.13389	.13281	.12650	.40951	.44901	.26328	.44143	.16110
1.100	8.012	.02959	.47364	.16940	.16862	.16171	.34690	.51196	.31571	.50292	.19779
1.100	10.034	.02124	.51320	.20495	.20447	.19668	.28150	.57414	.37016	.56365	.23620
1.099	12.005	-.03848	.55290	.24350	.24275	.23689	.21454	.63501	.42437	.62315	.27736
1.100	13.998	-.01951	.58884	.28121	.28076	.27571	.14701	.69402	.47726	.68080	.31849
1.101	16.034	.02804	.62559	.32087	.32015	.31760	.07868	.75495	.53292	.74093	.36298
1.100	18.066	.03915	.65968	.36020	.36035	.36086	.04288	.81579	.58888	.80058	.40862
	GRADIENT	-.00020	.02597	.01627	.01553	.01510	-.03035	.03075	.02335	.03024	.01604

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-1.882	.03755	.25037	.01686	.03788	.02709	.65750	.21860	.08515	.22435	.05727
1.151	.029	.05607	.29785	.04475	.05416	.05109	.59837	.27847	.13817	.27929	.08324
1.149	2.084	.03604	.34713	.06918	.07917	.06805	.53211	.34190	.17107	.33823	.10305
1.149	3.966	.03535	.39178	.09848	.10793	.09484	.47198	.39969	.21580	.39479	.13956
1.149	6.005	.03669	.43823	.12717	.13497	.12021	.40605	.46075	.26872	.45562	.17462
1.150	8.013	.05529	.48274	.16660	.16998	.15989	.34194	.52280	.32104	.51532	.20465
1.150	10.051	.02544	.52322	.20809	.20734	.20025	.27676	.58416	.37610	.57598	.24177
1.150	12.043	.04822	.56373	.24192	.24119	.23600	.21275	.64452	.42860	.63418	.27921
1.149	14.054	.04297	.60307	.27797	.27753	.27396	.14818	.70537	.48436	.69397	.32168
1.149	16.042	.03648	.63858	.32093	.32057	.31916	.10649	.76719	.54078	.75471	.36782
1.150	18.083	.05195	.67487	.36550	.36593	.36586	.02846	.82959	.59894	.81551	.41622
	GRADIENT	-.00140	.02416	.01373	.01199	.01122	-.03178	.03096	.02165	.02909	.01358

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.199	-1.899	.05515	.25521	.01214	.03117	.02518	.65122	.20703	.09935	.23099	.02709
1.200	.031	.05866	.30170	.03221	.05200	.03925	.58896	.27106	.13353	.28677	.05691
1.201	1.923	.05297	.34734	.05459	.07649	.05862	.52400	.33079	.18017	.34217	.09545
1.200	3.944	.05186	.39292	.09042	.10535	.08903	.45976	.39443	.22040	.40019	.13225
1.201	5.950	.05340	.43703	.12472	.13264	.12005	.39677	.45642	.26335	.45843	.15960
1.199	8.010	.06385	.48392	.15840	.16662	.15343	.33502	.52225	.31554	.51923	.19720
1.199	10.011	.07706	.52413	.19382	.20069	.18829	.27270	.58511	.37168	.58032	.24077
1.200	12.066	.07659	.56687	.23772	.24161	.23327	.20750	.64885	.42835	.64132	.28107
1.200	14.048	.07415	.60724	.28445	.28565	.28024	.16734	.70964	.48500	.70143	.32457
1.200	16.006	.05178	.64689	.32686	.32754	.32426	.09901	.77158	.54260	.76261	.37024
1.200	18.059	.05698	.68350	.36933	.37002	.36859	.03461	.83307	.60147	.82281	.41673
	GRADIENT	-.00080	.02362	.01327	.01273	.01088	-.03292	.03202	.02110	.02899	.01823

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.219	-1.949	.03305	.25593	.00618	.01002	.01180	.64535	.23439	.09419	.22635	.01356
1.220	.000	.03524	.30126	.03659	.04517	.04042	.58027	.29000	.13617	.28615	.05051
1.220	1.906	.04213	.34367	.06675	.07062	.06584	.51809	.34774	.17198	.34097	.08515
1.219	3.926	.04444	.39009	.09000	.09948	.08819	.45261	.40896	.22574	.39980	.12051
1.220	5.932	.04848	.43397	.11874	.12586	.11427	.39114	.47053	.26338	.45986	.15690
1.220	7.974	.05153	.48149	.15217	.15694	.14445	.32624	.53464	.31430	.52178	.19709
1.220	9.977	.06505	.52545	.19074	.19846	.18477	.26344	.59650	.36877	.58243	.23946
1.219	12.006	.06980	.56835	.23334	.24019	.22793	.20700	.65794	.42692	.64324	.28151
1.220	13.988	.06685	.60849	.28024	.28124	.27598	.16684	.71762	.48280	.70227	.32144
1.220	16.019	.06078	.64768	.32744	.32640	.32374	.09606	.78039	.54355	.76517	.36934
1.218	17.980	.05924	.68430	.36816	.36654	.36767	.03868	.84179	.60089	.82443	.41520
	GRADIENT	.00210	.02278	.01441	.01504	.01303	-.03279	.02977	.02206	.02945	.01820

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.240	-2.006	.03607	.26010	.01097	-.00954	.00746	.64393	.24051	.08887	.23223	-.01572
1.239	.029	.04522	.30610	.03408	.02591	.03349	.57798	.29820	.13655	.29321	.02241
1.240	1.967	.04874	.35231	.05666	.05316	.05546	.51510	.35801	.17669	.34934	.06871
1.239	4.034	.04755	.39842	.08943	.09741	.08793	.44952	.41977	.23290	.41044	.10923
1.240	5.980	.04966	.44148	.12276	.13014	.11801	.38736	.47830	.27212	.46727	.15284
1.240	7.979	.05070	.48559	.15530	.16356	.14996	.32409	.53897	.31953	.52626	.19121
1.240	10.012	.06103	.52796	.19332	.20070	.18738	.25977	.60008	.37271	.58608	.23563
1.240	11.996	.06236	.57037	.23423	.24251	.22944	.21506	.65979	.42707	.64574	.28185
1.240	14.012	.05779	.61175	.28075	.28291	.27622	.16012	.72220	.48445	.70703	.32405
1.239	16.012	.04936	.65130	.32798	.32665	.32459	.09643	.78379	.54291	.76739	.36931
1.240	18.026	.04581	.68988	.37240	.36963	.36987	.04581	.84670	.60281	.82967	.41817
	GRADIENT	.00189	.02299	.01287	.01737	.01314	-.03221	.02979	.02356	.02946	.02099

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	-1.990	.01709	.28466	-.02077	-.04276	-.01438	.65084	.27525	.09951	.25595	-.02629
1.299	.002	.01829	.32795	.00989	-.00372	.01625	.58726	.32523	.14528	.30817	.01104
1.300	1.989	.01816	.36782	.04750	.04143	.05007	.52552	.37991	.19644	.36539	.05214
1.300	3.995	.01773	.41409	.08288	.08492	.08456	.46342	.43648	.24205	.42232	.09966
1.300	6.004	.02124	.45788	.12303	.12392	.12266	.40015	.49428	.29207	.47879	.13954
1.300	8.026	.02127	.50352	.16080	.15997	.16185	.33810	.55508	.33102	.53776	.18229
1.300	9.976	.02760	.54356	.19989	.20311	.19657	.28931	.61332	.37968	.59573	.22632
1.300	12.011	.02962	.58695	.23975	.24008	.23207	.22853	.67369	.43427	.65605	.27425
1.300	14.019	.02447	.62854	.27589	.27854	.27137	.16428	.73757	.49012	.71833	.32135
1.299	15.969	.01963	.66755	.31604	.31755	.31178	.11112	.79875	.54738	.77772	.36524
1.300	18.050	.01941	.70778	.36743	.36635	.36571	.06041	.86343	.61141	.84287	.41468
	GRADIENT	.00009	.02147	.01748	.02147	.01658	-.03129	.02700	.02401	.02790	.02101

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.399	-1.985	-.04436	.30369	.00051	-.01066	.00424	.63894	.28064	.09924	.26839	-.00379
1.400	.022	-.03206	.33982	.02397	.01197	.02425	.57963	.33305	.13968	.31428	.02283
1.400	1.962	-.04248	.37829	.05084	.05028	.04910	.51270	.38501	.17747	.36359	.06145
1.399	3.977	-.03960	.41671	.09163	.08935	.09271	.44680	.43944	.22599	.42173	.10744
1.400	5.952	-.04234	.46153	.13398	.12599	.13532	.39563	.50093	.27745	.48459	.12717
1.400	7.986	-.03715	.51101	.16405	.15577	.16336	.35001	.56565	.33153	.54836	.17817
1.400	9.965	-.03193	.55297	.19864	.20155	.20022	.28002	.62415	.39213	.60661	.20877
1.400	11.982	-.02774	.59194	.23033	.23954	.23474	.22780	.67984	.43802	.65986	.25851
1.400	13.992	-.03162	.63158	.28305	.28855	.27855	.17717	.74151	.48963	.72183	.31098
1.400	15.951	-.03524	.67010	.32336	.33316	.32369	.12990	.80382	.54591	.78321	.37192
1.400	17.977	-.03305	.70944	.37965	.38431	.37823	.08036	.86609	.60672	.84397	.42165
	GRADIENT	.00021	.01904	.01515	.01706	.01465	-.03245	.02665	.02109	.02569	.01878

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.550	-1.859	-.13798	.31001	-.00819	-.00125	-.00723	.61148	.29374	.10572	.27709	.00159
1.550	.031	-.13614	.35482	.01580	.01833	.02117	.55615	.34139	.15154	.32781	.03543
1.550	2.052	-.13690	.39947	.04849	.05516	.05290	.49900	.39203	.19477	.37538	.06565
1.551	4.093	-.13171	.42880	.07790	.09535	.09115	.45225	.44957	.23250	.42803	.11218
1.550	6.060	-.12907	.46898	.13033	.13985	.14068	.39240	.50412	.28057	.48307	.14116
1.550	8.088	-.12448	.50646	.15203	.16913	.15539	.33827	.56132	.33749	.54201	.17804
1.550	10.082	-.11705	.54771	.19148	.20385	.19135	.30309	.62389	.38510	.60441	.22541
1.550	12.062	-.11310	.59069	.23354	.24467	.23685	.24277	.68308	.43854	.66359	.27642
1.550	14.095	-.11200	.62885	.27585	.28541	.27818	.19290	.74175	.49303	.72081	.31878
1.549	16.084	-.11012	.67395	.32149	.32854	.32220	.14870	.81072	.54177	.78851	.36989
	GRADIENT	.00091	.01965	.01465	.01647	.01646	-.02688	.02608	.02129	.02517	.01822

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.201	-1.827	2.02960	-.10367	-.19736	-.23149	-.21634	.34583	-.15495	-.21360	-.14409	-.21240
.201	.217	2.05269	-.01259	-.16376	-.18936	-.18063	.30050	-.07160	-.15520	-.04451	-.17026
.203	2.133	2.06119	.06031	-.13269	-.15371	-.15772	.24286	-.00267	-.10958	-.01101	-.14118
.204	4.121	2.04341	.11295	-.10687	-.11313	-.12127	.18555	.06874	-.05501	.06731	-.10487
.203	6.092	1.96772	.18661	-.07266	-.08105	-.08930	.11970	.13513	-.00784	.13639	-.07271
.204	7.842	1.84828	.22577	-.04838	-.05255	-.05870	.06168	.20100	.04091	.19663	-.03804
.200	9.797	1.66435	.27662	-.00504	-.00934	-.01145	.01861	.27182	.11103	.27869	.01000
.200	11.702	1.75393	.31551	.02214	.02430	.01352	-.05551	.33016	.15151	.33266	.04156
.201	13.722	1.80566	.34738	.04976	.05619	.04759	-.11724	.39124	.19742	.39221	.07762
.201	15.703	1.84058	.38408	.09795	.10437	.09576	-.16465	.46347	.26867	.46720	.13430
	GRADIENT	.00255	.03660	.01531	.01978	.01560	-.02723	.03746	.02716	.03386	.01781

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.397	-1.949	2.07008	-.06672	-.17973	-.21039	-.19485	.37491	-.12417	-.18909	-.12672	-.19162
.398	.036	2.05583	.00171	-.16051	-.18055	-.17211	.31567	-.05402	-.14284	-.06175	-.16297
.398	2.027	2.08019	.07299	-.13108	-.14637	-.14150	.26068	.01667	-.08883	.01317	-.12648
.398	4.034	2.07320	.13611	-.10165	-.11106	-.11325	.20171	.08657	-.04074	.08338	-.09470
.398	6.021	2.09153	.19567	-.06676	-.07146	-.07604	.14294	.15633	.01407	.15462	-.05744
.399	7.888	1.93939	.24567	-.03270	-.03856	-.04550	.08542	.22283	.06787	.22221	-.01986
.399	9.869	1.87584	.29418	-.00180	-.00298	-.00996	.02744	.29051	.11865	.28707	.01690
.399	11.864	1.85206	.33671	.03486	.04071	.03135	-.03066	.35767	.17636	.35415	.05944
.399	13.871	1.87767	.37284	.06949	.08003	.07063	-.09097	.42394	.23103	.42073	.10583
.399	15.864	1.89269	.40134	.10536	.12176	.11232	-.14495	.48869	.28776	.48424	.14753
.398	17.907	1.91437	.42875	.14589	.16352	.15752	-.20147	.55400	.34411	.54711	.19408
	GRADIENT	.00169	.03408	.01322	.01666	.01381	-.02881	.03525	.02503	.03537	.01641

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.600	-1.921	1.96689	-.05897	-.20353	-.22275	-.20908	.39686	-.11558	-.18958	-.11685	-.20068
.600	.057	1.97003	.01236	-.17649	-.18948	-.18256	.33867	-.04329	-.13882	-.04237	-.16793
.601	2.070	1.96307	.08300	-.14676	-.15611	-.15335	.27831	.03129	-.08701	.02579	-.13303
.600	4.093	1.98050	.14531	-.11274	-.11849	-.12144	.21821	.10293	-.03106	.10029	-.09789
.602	6.111	2.02001	.20212	-.07889	-.07997	-.08604	.15928	.17437	.02212	.16961	-.05837
.601	8.014	2.01798	.25376	-.04670	-.04468	-.05128	.09937	.23966	.07568	.23675	-.02002
.601	10.027	1.88551	.30507	-.00827	-.00261	-.01237	.03506	.31179	.13307	.30555	.02216
.601	11.881	1.93529	.34669	.02685	.03715	.02685	-.02465	.37748	.18845	.37292	.06343
.600	13.852	1.98140	.38631	.06767	.08216	.06868	-.08589	.44537	.24597	.43902	.10910
.599	15.888	1.99601	.41965	.10700	.12566	.11419	-.14753	.51468	.30506	.50447	.15627
.600	17.886	2.01532	.45072	.14810	.16828	.16092	-.20798	.57860	.36218	.56888	.20297
	GRADIENT	.00169	.03407	.01507	.01726	.01457	-.02973	.03641	.02630	.03588	.01712

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.697	-1.908	1.99556	-.04191	-.20825	-.22739	-.21387	.41451	-.09832	-.18787	-.10038	-.20174
.700	.005	2.00455	.02855	-.18020	-.19345	-.18664	.35618	-.02556	-.13561	-.03003	-.16917
.701	2.105	1.97784	.10021	-.14652	-.15438	-.15297	.29384	.05107	-.07689	.04624	-.13178
.701	4.058	2.00612	.16171	-.11330	-.11786	-.12060	.23304	.12152	-.02218	.11797	-.09481
.702	6.096	2.02556	.22120	-.07754	-.07880	-.08529	.17251	.19425	.03344	.18938	-.05448
.700	7.970	1.95649	.27565	-.04222	-.04140	-.05002	.11091	.25902	.08481	.25364	-.01617
.699	10.039	1.87047	.32713	-.00364	.00296	-.00774	.04674	.33318	.14662	.32661	.02898
.699	11.895	1.91395	.36845	.03353	.04469	.03187	-.01237	.39855	.20091	.39107	.07076
.699	13.859	1.95092	.40850	.07326	.08775	.07446	-.07283	.46697	.25941	.45803	.11551
.698	15.880	1.95811	.44248	.11641	.13341	.12172	-.13422	.53518	.32013	.52600	.16536
.699	17.891	1.97689	.47620	.15786	.17778	.16852	-.19649	.60271	.38030	.59082	.21432
	GRADIENT	.00018	.03413	.01593	.01839	.01568	-.03034	.03681	.02780	.03657	.01791

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.799	-2.004	2.08335	-.00925	-.21234	-.23076	-.21735	.44625	-.06179	-.17209	-.06677	-.19964
.799	-.017	2.05686	.06251	-.17948	-.19236	-.18590	.38500	.01199	-.11670	.00530	-.16399
.800	2.012	2.05643	.12957	-.14337	-.15175	-.15088	.32407	.08494	-.05932	.08093	-.12436
.800	3.963	2.10071	.19084	-.10946	-.11331	-.11595	.26419	.15284	-.00380	.15013	-.08554
.800	6.025	2.08432	.24957	-.07017	-.07054	-.07739	.20161	.22485	.05561	.22066	-.04380
.800	7.926	1.97903	.30270	-.03264	-.03091	-.03953	.14041	.29100	.10840	.28558	-.00277
.800	9.993	1.98886	.35759	.00629	.01288	.00284	.07502	.36403	.16869	.35783	.04274
.800	11.885	1.86603	.39712	.04622	.05735	.04517	.01739	.43095	.22506	.42305	.08620
.800	13.917	1.91870	.44039	.08898	.10464	.09171	-.04725	.50129	.28630	.49202	.13561
.800	15.945	1.92168	.47746	.13334	.15142	.13881	-.11107	.56995	.34815	.55991	.18515
.800	17.930	1.93482	.50968	.17787	.19770	.18712	-.17299	.63448	.40911	.62483	.23529
	GRADIENT	.00255	.03349	.01730	.01972	.01702	-.03046	.03597	.02821	.03645	.01916

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.849	-1.913	1.88760	.01765	-.20706	-.22425	-.21205	.46361	-.02401	-.15367	-.03472	-.18972
.849	.022	1.98563	.08510	-.17411	-.18486	-.17946	.40503	.04727	-.10012	.03253	-.15280
.850	1.976	2.02953	.15047	-.13789	-.14441	-.14359	.34651	.11685	-.04425	.10346	-.11464
.850	4.042	2.01113	.21529	-.09999	-.10197	-.10475	.28529	.18692	.01438	.17538	-.07283
.850	6.043	2.10182	.27245	-.06007	-.05912	-.06648	.22161	.25420	.07265	.24388	-.03129
.850	7.988	2.06358	.32693	-.02151	-.01829	-.02762	.15869	.32018	.12694	.30871	.01018
.850	10.078	1.89658	.37886	.02055	.02895	.01732	.09299	.39461	.18864	.38198	.05872
.850	11.928	1.91231	.41872	.06059	.07255	.05992	.03380	.45818	.24521	.44603	.10228
.849	13.950	1.96210	.46007	.10365	.11920	.10650	-.03087	.52763	.30568	.51392	.15158
.850	15.933	1.98740	.49891	.14754	.16664	.15391	-.09517	.59477	.36721	.58115	.19967
.850	17.980	1.99924	.53226	.19442	.21547	.20398	-.16112	.66094	.42896	.64681	.25305
	GRADIENT	.02071	.03321	.01804	.02055	.01806	-.02994	.03543	.02826	.03538	.01962

DATE 13 FEB 80 . OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.901	-1.991	2.08210	.05276	-.18627	-.20459	-.19189	.49559	.00310	-.12930	.00312	-.16506
.899	-.038	2.12317	.11661	-.15098	-.16384	-.15816	.43551	.07444	-.07316	.08180	-.12849
.899	1.974	2.11906	.18377	-.11378	-.12205	-.12191	.37391	.14705	-.01521	.14008	-.08882
.900	3.952	2.13377	.24430	-.07677	-.07984	-.08431	.31535	.21601	.04181	.20734	-.04816
.900	5.989	2.13583	.30315	-.03593	-.03503	-.04259	.25222	.28295	.10033	.27562	-.00485
.900	7.876	2.03755	.35348	.00247	.00521	-.00392	.19018	.34817	.15411	.34025	.03696
.900	10.025	1.80871	.40659	.04638	.05401	.04241	.12257	.42035	.21665	.41195	.08359
.900	11.900	1.84698	.44715	.08503	.09723	.08407	.06403	.48350	.27193	.47472	.12711
.900	13.924	1.88942	.48808	.12816	.14431	.13051	.00011	.55294	.33249	.54206	.17600
.899	15.891	1.85803	.52607	.17296	.19156	.17862	-.06442	.61943	.39350	.60836	.22572
.899	17.929	1.88761	.56015	.21843	.23922	.22742	-.13114	.68460	.45380	.67220	.27713
	GRADIENT	.00758	.03235	.01843	.02097	.01810	-.03036	.03585	.02880	.03381	.01968

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.950	-1.972	2.04457	.09456	-.14643	-.16725	-.15265	.53045	.05591	-.09013	.04606	-.12227
.950	.045	1.99295	.15938	-.11251	-.12439	-.11876	.47031	.12575	-.03421	.11282	-.08831
.950	1.988	2.02304	.22037	-.07714	-.08467	-.08427	.41054	.19272	.02067	.17818	-.05179
.950	4.016	2.02635	.28119	-.03961	-.04280	-.04619	.34957	.26015	.07777	.24592	-.01194
.950	6.057	2.06653	.33744	-.00096	-.00038	-.00757	.28666	.32501	.13343	.31138	.02962
.950	7.981	2.00429	.38726	.03684	.04175	.03164	.22302	.38614	.18744	.37474	.07092
.951	10.031	2.03208	.44031	.07831	.08783	.07596	.15527	.45616	.24826	.44478	.11668
.950	11.930	1.89113	.47699	.11780	.12964	.11715	.09360	.52038	.30420	.50681	.15995
.949	14.018	2.00172	.52185	.16059	.17822	.16394	.02444	.58958	.36561	.57533	.20915
.950	15.938	1.98679	.55704	.20318	.22257	.21025	-.03998	.65080	.42198	.63713	.25615
.950	17.931	1.96310	.59068	.24880	.27048	.25900	-.11202	.71726	.48461	.70180	.30692
	GRADIENT	-.00127	.03119	.01787	.02075	.01778	-.03026	.03414	.02806	.03340	.01846

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.980	-2.030	2.01267	.11789	-.14114	-.14987	-.14551	.55483	.06011	-.06607	.06930	-.09048
.980	.010	2.05462	.18446	-.09153	-.10443	-.09844	.49340	.13517	-.01112	.13834	-.06091
.980	1.987	2.03801	.24451	-.05412	-.06141	-.06189	.43330	.20645	.04500	.20454	-.02569
.980	4.017	2.04319	.30617	-.01697	-.01950	-.02503	.37229	.27468	.10165	.27206	.01289
.979	6.008	2.11275	.35948	.02043	.02211	.01373	.30962	.34160	.15768	.33762	.05345
.979	7.948	1.98303	.40635	.05706	.06295	.05201	.24398	.40427	.21002	.39875	.09349
.981	9.975	1.97438	.45870	.09751	.10732	.09384	.17663	.47241	.26872	.46591	.13673
.979	11.942	1.91228	.49735	.13694	.15037	.13660	.11079	.53748	.32671	.53076	.18114
.980	13.938	1.94006	.53804	.17721	.19451	.18045	.04688	.60267	.38396	.59388	.22718
.979	15.929	1.93426	.57402	.22042	.24026	.22642	-.02127	.66778	.44289	.66023	.27604
.981	17.964	1.96084	.60983	.26604	.28788	.27620	-.09379	.73161	.50356	.72178	.32596
.980	18.933	1.94876	.62536	.28877	.31149	.30061	-.12748	.76310	.53312	.75229	.35162
	GRADIENT	.00375	.03106	.02038	.02158	.01979	-.03021	.03554	.02780	.03353	.01716

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.051	-1.981	1.92928	.19670	-.06623	-.07043	-.06767	.61112	.14686	.01661	.14973	-.03006
1.049	.002	1.97726	.25683	-.04347	-.04201	-.04670	.55171	.21251	.06034	.21276	.01006
1.050	2.007	2.01050	.31394	-.00567	-.00390	-.01159	.49254	.27854	.11466	.27735	.04189
1.049	4.009	2.02564	.36842	.03981	.03922	.03297	.43256	.34216	.16550	.33864	.07403
1.051	6.077	2.04522	.42207	.07772	.08160	.07265	.37124	.40729	.22216	.40333	.11341
1.050	7.994	1.99357	.46682	.11147	.11833	.10698	.30809	.46583	.27060	.46024	.14954
1.050	9.971	1.99066	.51403	.14786	.15858	.14601	.23891	.52948	.32498	.52227	.18951
1.050	11.999	1.96371	.55456	.18722	.20181	.18831	.17013	.59515	.38297	.58739	.23425
1.049	13.935	1.98218	.59274	.22484	.24362	.22947	.10121	.65609	.43749	.64729	.27613
1.049	15.931	1.97994	.63018	.26602	.28781	.27449	.03178	.71869	.49373	.70825	.32306
1.049	17.964	2.00411	.66265	.30997	.33329	.32109	-.02799	.78183	.55308	.77024	.37187
1.050	18.963	2.01906	.67843	.33123	.35633	.34502	-.03897	.81156	.58108	.79906	.39671
	GRADIENT	.01613	.02865	.01782	.01838	.01688	-.02978	.03264	.02508	.03160	.01722

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.100	-2.011	1.95504	.24862	-.00281	-.00536	-.00336	.64962	.20524	.07888	.20153	.03298
1.100	.036	1.98418	.30697	.02761	.03269	.02648	.58931	.26937	.11324	.26354	.07076
1.099	1.984	2.01570	.35779	.05161	.05897	.04906	.53166	.32731	.16055	.32189	.10391
1.099	4.064	1.99558	.41196	.09601	.09774	.09004	.46983	.38939	.21272	.38505	.13174
1.101	6.016	2.09978	.46070	.13142	.13628	.12683	.41051	.44598	.26209	.44226	.16439
1.099	7.998	2.01478	.50487	.16526	.17184	.16093	.34440	.50472	.31251	.50028	.19944
1.101	9.959	1.95867	.55286	.19954	.20980	.19774	.27490	.56935	.36694	.56299	.23739
1.100	11.929	1.93488	.58765	.23298	.24636	.23315	.21134	.62848	.41744	.62009	.27592
1.100	13.880	1.90402	.62811	.27185	.28830	.27452	.14036	.69124	.47439	.68245	.32007
1.101	15.863	1.92891	.66316	.30881	.32894	.31569	.07463	.75089	.52979	.74196	.36381
1.100	17.929	1.91656	.69485	.35041	.37197	.36148	.04142	.81321	.58758	.80189	.41055
	GRADIENT	.00754	.02681	.01591	.01665	.01503	-.02960	.03026	.02225	.03019	.01633

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.149	-1.946	2.00096	.26721	.02074	.02737	.02736	.65501	.21217	.07900	.22298	.05363
1.151	.041	2.04945	.32345	.04830	.05907	.05131	.59322	.27128	.13516	.28266	.08725
1.149	2.010	2.03887	.37340	.06765	.07734	.06763	.53235	.33218	.17196	.33967	.10914
1.150	4.046	2.06342	.42658	.09797	.11098	.09683	.46761	.39489	.21936	.39920	.14280
1.150	6.022	2.08110	.47308	.12531	.14109	.12443	.40506	.45643	.26936	.45729	.17792
1.149	7.940	2.02883	.51644	.16198	.17365	.15914	.33878	.51538	.31870	.51417	.20696
1.151	9.996	1.80510	.56017	.20113	.21171	.19937	.27090	.57990	.37409	.57753	.24310
1.150	11.910	1.87832	.59895	.23415	.24669	.23375	.20826	.63920	.42600	.63484	.27977
1.150	13.852	1.88880	.63764	.26841	.28456	.27214	.14657	.70034	.48098	.69483	.32154
1.149	15.884	1.92111	.67476	.31085	.32813	.31732	.10707	.76290	.53874	.75632	.36737
1.150	17.883	1.90698	.70885	.35484	.37325	.36433	.01850	.82371	.59685	.81616	.41557
	GRADIENT	.00887	.02647	.01259	.01350	.01127	-.03124	.03054	.02296	.02935	.01451

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.200	-2.026	2.04124	.27397	.01893	-.00164	.02245	.64988	.22040	.09820	.22440	-.01628
1.200	.095	2.05843	.32852	.04168	.03763	.04356	.58488	.28337	.13126	.28894	.02978
1.200	1.941	2.07839	.37633	.05735	.07117	.06058	.52324	.34252	.17693	.34381	.07508
1.201	4.006	2.06536	.42611	.08768	.10992	.09225	.45961	.40361	.22304	.40358	.12326
1.200	6.036	2.07288	.47208	.11947	.14282	.12401	.39688	.46360	.26687	.46172	.16569
1.199	7.909	1.93482	.51628	.14786	.16883	.14942	.33395	.52223	.31559	.51867	.20180
1.201	9.941	1.95029	.56416	.18388	.20268	.18541	.26921	.58500	.36893	.57958	.24273
1.199	11.883	1.84912	.60357	.22878	.24299	.22947	.20526	.64899	.42531	.64153	.28119
1.199	13.868	1.88859	.64401	.27529	.28895	.27758	.16861	.70955	.48230	.70088	.32440
1.199	15.898	1.90334	.68089	.31721	.33304	.32245	.08226	.77213	.54003	.76307	.37033
1.200	17.950	1.91843	.71797	.36008	.37753	.36638	.02867	.83303	.59886	.82276	.41725
	GRADIENT	.00460	.02528	.01114	.01847	.01136	-.03170	.03052	.02103	.02971	.02330

RUN NO. 201/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.299	-1.986	2.02750	.30626	-.01604	-.03942	-.01832	.64674	.27812	.10366	.26347	-.01144
1.300	-.006	2.04150	.35631	.01395	-.00737	.01194	.58369	.32767	.14675	.31212	.02260
1.300	2.003	2.03338	.40117	.04747	.03447	.04427	.52061	.38231	.19489	.37011	.05762
1.300	4.023	2.04025	.44855	.08485	.07299	.07815	.45665	.43927	.24257	.42727	.09474
1.301	6.014	2.10931	.49645	.11624	.11395	.11184	.38862	.49765	.29713	.48502	.13568
1.301	7.960	2.00726	.53727	.14763	.15834	.14608	.32643	.55844	.33669	.54431	.17572
1.300	9.956	1.96155	.57814	.18138	.19845	.18385	.28478	.61823	.38394	.60306	.21844
1.300	11.944	1.91578	.62063	.21786	.24473	.22347	.22800	.67921	.43668	.66340	.27482
1.299	13.928	1.93449	.66160	.26085	.28888	.26700	.17118	.74234	.49407	.72540	.32562
1.300	15.933	1.95157	.70212	.30423	.33434	.31440	.12055	.80461	.55338	.78680	.36739
1.300	17.979	1.95510	.73841	.35496	.37791	.36511	.06750	.86802	.61450	.84990	.41713
	GRADIENT	.00150	.02354	.01678	.01892	.01606	-.03161	.02686	.02321	.02742	.01765

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.400	-1.935	1.89879	.32296	.00425	-.00519	.00083	.63138	.28260	.09768	.27056	.00910
1.400	.005	1.96467	.36530	.03140	.02168	.02310	.57314	.33128	.14255	.31661	.03627
1.400	1.991	1.97669	.40379	.05261	.05720	.04829	.50547	.38569	.17657	.36930	.07011
1.400	4.002	2.01635	.44590	.08043	.09936	.08525	.43816	.43834	.23398	.42197	.12176
1.399	6.067	2.08551	.49514	.12758	.14364	.13350	.38637	.50044	.28607	.48840	.14511
1.400	8.005	2.04772	.53355	.16153	.16642	.15857	.33571	.55906	.33985	.54479	.18275
1.400	10.062	2.06657	.58671	.19779	.21439	.20022	.26274	.62624	.39439	.61111	.23279
1.399	11.982	1.97922	.62359	.23987	.24966	.23969	.22128	.68277	.44762	.66781	.27154
1.400	13.953	1.99731	.65933	.27045	.29227	.27426	.16800	.74176	.50049	.72580	.31384
1.400	15.999	2.02063	.69601	.31487	.33467	.32207	.12182	.80246	.55072	.78530	.37427
1.400	17.976	2.03245	.73455	.36746	.39184	.37861	.08171	.86345	.60709	.84632	.43628
	GRADIENT	.01839	.02057	.01262	.01765	.01408	-.03270	.02635	.02238	.02561	.01880

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.549	-1.816	1.87177	.33248	-.01330	-.00128	-.01612	.61183	.29392	.10529	.28494	.00568
1.550	.129	1.85364	.37733	.01516	.01738	.01421	.55509	.34668	.15008	.33793	.03830
1.551	2.137	1.87140	.41512	.04687	.05195	.04653	.49473	.39304	.19428	.37852	.06846
1.550	4.139	1.88668	.45583	.08214	.09898	.08621	.44790	.44733	.23254	.43093	.11203
1.550	6.194	1.94955	.49773	.11102	.14501	.13061	.38820	.50113	.27760	.48392	.14569
1.550	8.094	1.95764	.53682	.15939	.17713	.16307	.33721	.55333	.32600	.53728	.17814
1.550	10.106	1.95235	.58194	.18889	.20883	.19633	.28655	.61860	.38432	.60355	.22975
1.550	11.921	2.02005	.62679	.22395	.24745	.23741	.24016	.67680	.43107	.66269	.27828
1.551	13.891	2.06119	.66810	.26448	.29816	.27728	.19283	.73738	.48673	.72149	.32270
1.550	15.882	2.07760	.70606	.29906	.33874	.31531	.14542	.80226	.53596	.78377	.36738
1.550	17.910	2.10242	.74970	.34753	.38117	.36435	.09210	.86708	.59779	.84789	.42468
	GRADIENT	.00317	.02051	.01600	.01689	.01708	-.02778	.02548	.02143	.02407	.01757

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.260	7.995	.04279	.49148	.16394	.15669	.15394	.32540	.54565	.32351	.52948	.18938
1.260	11.981	.05197	.57358	.24019	.23353	.22719	.23119	.66486	.42787	.64658	.27853
1.261	15.954	.03738	.65307	.33021	.32387	.32298	.09730	.78885	.54174	.76829	.36626
1.260	17.997	.04313	.69281	.37701	.37156	.37324	.04506	.85350	.60351	.83426	.41679
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.280	7.973	.02796	.50079	.14758	.14616	.13995	.33377	.55269	.32812	.53658	.17579
1.279	12.004	.03705	.58462	.24164	.24024	.23162	.23183	.67398	.43386	.65578	.27456
1.280	16.026	.02301	.66575	.32542	.31910	.31793	.10792	.79833	.54687	.77921	.36679
1.281	17.973	.02022	.70309	.37249	.36532	.36874	.06032	.85924	.60686	.84285	.41445
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.300	7.980	.02181	.50254	.16119	.16035	.16194	.33910	.55442	.33232	.53818	.18206
1.299	12.031	.02820	.58706	.23957	.24049	.23162	.22663	.67402	.43422	.65640	.27434
1.300	15.998	.01741	.66963	.31762	.31913	.31363	.11096	.79947	.54957	.77995	.36717
1.299	18.005	.01597	.70833	.36699	.36620	.36585	.06217	.86201	.61019	.84202	.41483
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.321	7.999	.01218	.50309	.16609	.16670	.15878	.34109	.55689	.33720	.53981	.18001
1.320	11.971	.02323	.58845	.22789	.23947	.22513	.22909	.67883	.43685	.66005	.26839
1.320	16.033	.01317	.67257	.31648	.32430	.31366	.10678	.80363	.55279	.78323	.36867
1.320	17.990	.01124	.70928	.36211	.36708	.36328	.06665	.86327	.61137	.84208	.41647
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.340	7.967	.00302	.50898	.16518	.17181	.16621	.34655	.56055	.34440	.54318	.17128
1.341	12.003	.01522	.59897	.23967	.25093	.24093	.23511	.68306	.44317	.66519	.27288
1.340	16.031	.00754	.67927	.32409	.33452	.32385	.11898	.80697	.55817	.78751	.37867
1.340	17.999	.00102	.71687	.36892	.37875	.37122	.07250	.86592	.61672	.84547	.42539
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (NVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.360	7.963	-.01273	.50702	.15746	.16179	.15420	.35088	.56185	.34758	.54438	.18190
1.360	12.007	-.01788	.59801	.23356	.24509	.22938	.23074	.68523	.44563	.66671	.27361
1.361	16.017	-.00678	.67854	.32539	.33406	.32487	.12112	.80352	.55793	.78432	.37917
1.361	18.000	-.00465	.71463	.37280	.38175	.37567	.07663	.86537	.61390	.84488	.42854
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.380	7.969	-.03249	.50912	.16851	.17226	.16582	.35112	.56266	.33640	.54552	.17402
1.380	11.979	-.01570	.59674	.24347	.24609	.24501	.22835	.68254	.44084	.66322	.25877
1.380	16.017	-.02373	.67465	.33492	.33614	.33124	.12535	.80161	.55413	.78494	.37320
1.380	17.982	-.02411	.71156	.37897	.38133	.37555	.07539	.86714	.61131	.84669	.43032
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.400	7.959	-.04207	.50965	.16421	.15424	.16352	.35108	.56518	.33009	.54661	.17486
1.400	11.972	-.02891	.59094	.23225	.24144	.23523	.22887	.68050	.44044	.66217	.26010
1.401	15.967	-.03620	.66990	.32310	.33233	.32344	.12848	.80336	.54512	.78246	.37196
1.400	18.000	-.03889	.71017	.37901	.38452	.37872	.07891	.86668	.60689	.84438	.42100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
1.451	8.074	-.12694	.50556	.15081	.15027	.14813	.34453	.56765	.34095	.54979	.17525
1.450	11.939	-.05444	.59196	.23734	.24026	.23832	.23854	.68699	.44182	.66729	.27153
1.450	16.053	-.11582	.67140	.31462	.32185	.31696	.14493	.80630	.54729	.78498	.35580
1.450	18.065	-.11545	.71055	.35784	.36794	.35929	.09867	.87039	.60716	.84806	.40646
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (NVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.199	-3.797	.10715	-.16949	-.21949	-.24131	-.22365	.42907	-.18055	-.23032	-.19771	-.22616
.200	-1.827	.10769	-.09393	-.20009	-.21748	-.20425	.38079	-.11211	-.18704	-.13939	-.19588
.199	.128	.10926	-.03124	-.17252	-.18561	-.18106	.32534	-.04942	-.14205	-.06817	-.17263
.200	2.188	.11057	.03376	-.14288	-.15585	-.15136	.25353	.02370	-.09116	.00760	-.14082
.200	4.178	.11165	.09123	-.12262	-.13561	-.13546	.18197	.08409	-.05349	.07825	-.11621
.201	6.184	.11272	.15937	-.06931	-.08215	-.08417	.14868	.15948	.01831	.16360	-.05867
.200	8.191	.11390	.19093	-.05304	-.06169	-.06592	.08082	.20549	.05057	.18440	-.04228
.200	10.196	.11508	.24436	-.00757	-.01835	-.01615	.02903	.28048	.11082	.28519	.00749
.201	12.206	.11617	.28387	.03134	.02278	.02492	-.03286	.34408	.17252	.33941	.05275
.201	14.201	.11743	.31790	.06784	.06357	.06781	-.08176	.41085	.22591	.40327	.09565
.201	16.191	.11849	.35144	.11147	.10506	.11354	-.13489	.47682	.28491	.47127	.14152
	GRADIENT	.00060	.03250	.01257	.01368	.01149	-.03115	.03332	.02252	.03481	.01377

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.249	-3.792	.10600	-.14811	-.20693	-.22660	-.21109	.44277	-.15700	-.21777	-.18292	-.21143
.250	-1.773	.10662	-.07858	-.18679	-.20200	-.19094	.38475	-.09313	-.17376	-.11750	-.18475
.250	.184	.10813	-.00571	-.15300	-.16821	-.16151	.33662	-.03755	-.12264	-.04251	-.15527
.250	2.014	.04949	.06162	-.12642	-.14159	-.13926	.26916	.04001	-.07885	.02704	-.12651
.250	4.008	.05110	.10952	-.09747	-.10612	-.10382	.20655	.10886	-.02846	.09440	-.08891
.249	6.214	.11235	.16336	-.06512	-.07167	-.07156	.15683	.16928	.02409	.15679	-.05429
.249	8.120	.11321	.21130	-.03058	-.04364	-.04356	.10017	.22528	.06965	.21342	-.02187
.249	10.135	.11312	.25400	-.00116	-.00772	-.00767	.04463	.28912	.12310	.28009	.02063
.248	12.159	.11290	.29680	.03815	.04034	.04253	-.01665	.35334	.18056	.34711	.05789
.248	14.153	.11259	.33036	.08248	.08029	.07586	-.07106	.41551	.23375	.41139	.10006
.247	16.205	.11093	.36890	.12143	.11924	.11916	-.12378	.48565	.28704	.47480	.14579
	GRADIENT	-.00853	.03380	.01440	.01554	.01373	-.03031	.03427	.02442	.03605	.01564

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (NVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.398	-3.955	.08474	-.14637	-.21387	-.23027	-.21259	.44855	-.15526	-.21600	-.17354	-.21292
.398	-1.919	.08234	-.07333	-.18979	-.20400	-.19288	.39489	-.09050	-.17341	-.10813	-.18774
.399	.045	.08365	-.00549	-.16166	-.17475	-.16587	.33954	-.02543	-.12585	-.04560	-.15962
.400	2.049	.08145	.05455	-.13736	-.14762	-.14096	.27293	.04483	-.07946	.02752	-.12822
.401	4.068	.08041	.11869	-.09996	-.10969	-.10954	.21133	.11984	-.02456	.10466	-.09141
.401	6.054	.08020	.17120	-.06911	-.07884	-.07980	.15827	.17528	.02032	.16361	-.06055
.401	10.066	.08022	.26058	.00179	-.00466	-.00355	.04581	.30126	.12953	.28948	.02325
.401	14.041	.08049	.33423	.08069	.07533	.07851	-.06540	.43162	.24068	.42541	.10866
.400	18.068	.08197	.38992	.15984	.15555	.16298	-.16954	.55779	.35414	.54528	.19665
	GRADIENT	-.00048	.03288	.01398	.01487	.01289	-.02980	.03426	.02383	.03458	.01512

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (NVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.601	-1.984	-.03546	-.06402	-.20533	-.21415	-.20360	.42354	-.07167	-.17485	-.08823	-.19514
.602	2.113	-.03681	.07356	-.14529	-.14842	-.14567	.29143	.06915	-.07232	.04941	-.13048
.603	6.096	-.03828	.18391	-.07389	-.08007	-.08253	.17775	.19861	.02983	.18437	-.05802
.603	10.092	-.03644	.27433	.00328	-.00338	-.00539	.06004	.32489	.14284	.31157	.02578
.602	14.084	-.03439	.35006	.07871	.07770	.07611	-.06003	.40716	.25386	.43986	.11113
.600	18.076	-.02931	.41286	.16460	.15947	.16605	-.16100	.58641	.36936	.56854	.20495
	GRADIENT	-.00033	.03358	.01465	.01604	.01414	-.03224	.03437	.02502	.03359	.01578

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (NVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.701	-1.948	-.00591	-.04734	-.21140	-.21970	-.20792	.44666	-.05084	-.16807	-.06916	-.19668
.703	2.092	-.00562	.08883	-.14715	-.15047	-.14865	.31623	.08930	-.06382	.06747	-.12918
.702	6.062	-.00736	.20102	-.07540	-.08035	-.08271	.19774	.22160	.04000	.20589	-.05409
.701	10.088	-.00223	.28962	.00466	-.00153	-.00356	.07672	.34605	.15285	.33070	.03018
.699	14.026	.00045	.36895	.08680	.08392	.08139	-.04579	.47606	.26805	.46051	.11906
.696	18.000	.00102	.43313	.17160	.16873	.17066	-.15263	.60603	.38059	.58800	.21327
	GRADIENT	.00007	.03371	.01591	.01714	.01467	-.03229	.03470	.02581	.03383	.01671

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (NVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.800	8.002	.04638	.27656	-.02567	-.03124	-.03604	.16574	.31804	.11845	.29939	.00037
.800	12.022	.04638	.36052	.05873	.05630	.05211	.04033	.44632	.23506	.42914	.09105
.800	16.027	.04795	.43523	.14511	.14340	.14293	-.08255	.57739	.35358	.55902	.18545
.799	18.019	.05142	.46757	.19070	.18796	.18987	-.13751	.64132	.41217	.62229	.23492
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

0A232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (NVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP88	CP89	CP90	CP91	CP92U	CP92L	CP93	CP94	CP95
.599	-4.003	-.03027	-.15038	-.23473	-.23798	-.22807	.44856	-.17670	-.23605	-.17690	-.22333
.599	-1.912	-.03319	-.07309	-.20515	-.20767	-.20247	.38831	-.10086	-.18472	-.10889	-.19328
.599	.098	-.03622	.00107	-.17489	-.17580	-.17506	.32596	-.02567	-.13259	-.03438	-.16151
.599	2.071	-.03665	.06578	-.14310	-.14351	-.14601	.26405	.04712	-.07948	.03124	-.12821
.600	4.096	-.04260	.12425	-.10898	-.10855	-.11327	.20522	.11794	-.02487	.10121	-.09129
.599	6.060	-.04286	.17569	-.07459	-.07489	-.08084	.14589	.18772	.02833	.16970	-.05488
.600	8.066	-.04220	.22677	-.03734	-.03713	-.04372	.08428	.25804	.08574	.23964	-.01430
.600	10.055	-.04178	.27149	.00096	.00169	-.00546	.02399	.32446	.14112	.30636	.02689
.599	12.082	-.04122	.31093	.04076	.03775	.03462	-.03723	.39107	.19727	.37234	.07021
598	14.035	-.03831	.34662	.08066	.07401	.07626	-.09791	.45643	.25136	.43800	.11371
.599	16.091	-.03812	.37892	.12218	.11573	.11977	-.15921	.52097	.30819	.50192	.15976
	GRADIENT	-.00139	.03411	.01553	.01600	.01417	-.03027	.03653	.02614	.03450	.01630

0A232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (OVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.202	-3.800	.12342	-.39127	-.35508	-.24422	-.23047	-.19044	-.19501	-.26663	-.24401	-.20617
.200	-1.769	.11931	-.40571	-.37109	-.25807	-.24405	-.21690	-.21700	-.27636	-.25558	-.22156
.200	.186	.11558	-.38921	-.35936	-.24709	-.23768	-.21975	-.22212	-.25167	-.24009	-.21308
.200	2.183	.11190	-.38541	-.35939	-.24961	-.23790	-.23125	-.22456	-.25649	-.23125	-.21549
.201	4.203	.10783	-.37893	-.36268	-.24628	-.23240	-.23930	-.23942	-.25536	-.23254	-.21689
.200	6.211	.10813	-.38618	-.36527	-.25403	-.24311	-.25680	-.26608	-.26625	-.24553	-.23203
.200	8.188	.10780	-.37837	-.35752	-.25412	-.23564	-.25843	-.26309	-.26778	-.24484	-.23137
.200	10.192	.11433	-.38947	-.37310	-.26718	-.25545	-.28057	-.28752	-.28996	-.26468	-.24664
.200	12.199	.10878	-.39784	-.37688	-.27308	-.26813	-.29558	-.30482	-.30046	-.27967	-.26161
.200	14.190	.11150	-.40961	-.38183	-.28488	-.27537	-.31191	-.32571	-.31681	-.29373	-.26203
.200	16.206	.11339	-.41272	-.39624	-.29903	-.29176	-.33525	-.34454	-.35160	-.31473	-.28068
.199	18.545	.11660	-.42872	-.40991	-.31715	-.31212	-.36483	-.37186	-.37437	-.35113	-.30104
	GRADIENT	-.00193	.00224	-.00021	.00021	.00011	-.00562	-.00484	.00211	.00236	-.00078

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (OVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.250	-3.994	.04844	-.38813	-.35962	-.23960	-.22845	-.18547	-.18773	-.26772	-.23723	-.19204
.251	-1.991	.04767	-.37398	-.34565	-.23063	-.21741	-.18755	-.19623	-.24785	-.22399	-.18551
.251	-.002	.04780	-.37893	-.35483	-.23958	-.22204	-.20500	-.21585	-.23104	-.22218	-.19866
.252	2.006	.04717	-.36875	-.34269	-.23037	-.21508	-.20882	-.21107	-.24110	-.21522	-.19400
.252	4.003	.04770	-.36404	-.34865	-.23642	-.22328	-.22981	-.22567	-.22581	-.22129	-.20221
.252	6.015	.04789	-.37172	-.35422	-.23786	-.22899	-.23978	-.25055	-.24219	-.22488	-.21222
.252	8.011	.04951	-.37147	-.35401	-.24432	-.23545	-.24835	-.25697	-.23163	-.23348	-.21660
.249	10.215	.10299	-.36933	-.35362	-.24555	-.23865	-.26056	-.27158	-.25433	-.24098	-.22151
.248	12.197	.09944	-.37844	-.36483	-.25838	-.24924	-.28222	-.28674	-.27816	-.25815	-.23639
.248	14.193	.09332	-.39866	-.37632	-.27444	-.26748	-.30041	-.31586	-.29637	-.28075	-.25030
.248	16.215	.12333	-.39944	-.39235	-.28804	-.28323	-.32721	-.33833	-.32976	-.29874	-.26163
.248	18.193	.09355	-.40642	-.39715	-.29963	-.29700	-.34527	-.36075	-.34347	-.32997	-.27546
.248	18.546	.09286	-.40921	-.39993	-.30677	-.29975	-.35023	-.36134	-.34843	-.33055	-.28040
	GRADIENT	-.00010	.00267	.00125	.00033	.00064	-.00550	-.00454	.00453	.00203	-.00144

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.398	-3.921	.09254	-.40433	-.37224	-.25205	-.23533	-.19625	-.19417	-.26956	-.24638	-.20180
.399	-1.992	.08904	-.39762	-.36789	-.24817	-.23494	-.20468	-.20478	-.25994	-.24328	-.20712
.400	.004	.08506	-.39011	-.36054	-.24372	-.22939	-.21325	-.21568	-.25194	-.23536	-.20753
.401	1.955	.08228	-.38601	-.36234	-.24249	-.23169	-.22488	-.22384	-.25299	-.23300	-.21223
.402	4.038	.07868	-.37857	-.35725	-.24335	-.23141	-.23850	-.23399	-.25152	-.23503	-.21777
.402	6.021	.07456	-.38027	-.35788	-.24673	-.23483	-.24882	-.25241	-.25603	-.23959	-.22240
.402	8.027	.07702	-.38723	-.36255	-.25378	-.24303	-.25817	-.26406	-.26538	-.24664	-.23062
.402	10.060	.07771	-.38767	-.36991	-.26129	-.25055	-.27603	-.28078	-.28095	-.26337	-.24161
.403	12.046	.07004	-.39575	-.38030	-.27077	-.26117	-.29467	-.29941	-.29614	-.27628	-.24997
.403	14.047	.06997	-.40949	-.38491	-.28480	-.27406	-.31436	-.31911	-.31701	-.29716	-.26633
.404	16.044	.06871	-.40956	-.39646	-.29899	-.29170	-.33988	-.34691	-.35170	-.32160	-.28402
.404	18.457	.06756	-.42772	-.41345	-.31943	-.31210	-.36832	-.37879	-.37559	-.35231	-.29872
	GRADIENT	-.00173	.00318	.00179	.00116	.00056	-.00528	-.00497	.00216	.00165	-.00187

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (OVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.600	-3.926	-.04180	-.44148	-.41090	-.26215	-.24812	-.20593	-.20672	-.27930	-.26329	-.21355
.600	-1.919	-.04183	-.43239	-.40517	-.25945	-.24607	-.21610	-.21689	-.27048	-.25581	-.21689
.600	.047	-.02173	-.42714	-.39995	-.25948	-.24511	-.22885	-.22896	-.26539	-.25142	-.22006
.600	2.062	-.04339	-.42179	-.39801	-.25856	-.24382	-.23850	-.23793	-.26479	-.24876	-.22630
.600	4.067	-.02457	-.41799	-.39831	-.26355	-.24880	-.25237	-.25181	-.26978	-.25169	-.23126
.601	6.039	-.03523	-.41968	-.39806	-.26540	-.25344	-.26358	-.27280	-.27364	-.25768	-.23942
.602	8.092	-.03356	-.42042	-.39948	-.27158	-.26029	-.28020	-.28442	-.28323	-.26794	-.24832
.599	10.057	-.03304	-.42353	-.40723	-.28393	-.27187	-.30015	-.30509	-.30253	-.28300	-.26050
.600	12.033	-.02579	-.43267	-.41772	-.29714	-.28505	-.32090	-.32654	-.32056	-.30100	-.27507
.599	14.076	-.01852	-.44907	-.42376	-.31248	-.30241	-.34456	-.35229	-.34286	-.32529	-.29241
.598	16.041	-.04037	-.45092	-.43861	-.33038	-.32025	-.37224	-.38209	-.37817	-.34806	-.30884
.599	18.555	-.03640	-.47017	-.45587	-.35463	-.34589	-.40851	-.42036	-.40551	-.38725	-.33392
	GRADIENT	.00164	.00288	.00162	-.00010	.00004	-.00577	-.00557	.00124	.00151	-.00225

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.698	-4.032	.02723	-.47955	-.44734	-.27053	-.25554	-.20885	-.20956	-.28582	-.26908	-.21686
.700	-1.862	-.01281	-.47137	-.44172	-.26808	-.25437	-.22181	-.22253	-.27785	-.26240	-.22131
.702	.106	-.01359	-.46446	-.43742	-.26675	-.25373	-.23523	-.23594	-.27223	-.25750	-.22631
.702	2.124	.00724	-.46067	-.43598	-.26977	-.25733	-.24965	-.24796	-.27346	-.25688	-.23408
.702	4.128	-.01371	-.45614	-.43574	-.27607	-.26125	-.26441	-.26274	-.27914	-.26201	-.24289
.702	6.108	.00084	-.46059	-.43589	-.28097	-.26850	-.28195	-.28691	-.28769	-.27048	-.25249
.701	8.109	-.00470	-.46044	-.43755	-.29054	-.27805	-.29633	-.30130	-.29907	-.28124	-.26386
.701	10.053	-.00545	-.46399	-.44353	-.30276	-.28968	-.31637	-.32135	-.31792	-.29889	-.27853
.700	12.059	.00385	-.47357	-.45603	-.31886	-.30630	-.34039	-.34662	-.33955	-.32041	-.29572
.698	14.072	-.00970	-.49106	-.46080	-.33759	-.32561	-.36698	-.37624	-.36434	-.34458	-.31566
.697	16.054	-.00664	-.48833	-.47555	-.35841	-.34755	-.39951	-.41005	-.40541	-.37515	-.33757
.700	18.597	-.00415	-.51222	-.49403	-.39211	-.38309	-.44628	-.46103	-.43948	-.42207	-.37138
	GRADIENT	-.00311	.00284	.00143	-.00062	-.00070	-.00684	-.00649	.00089	.00098	-.00319

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (OVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.797	-4.033	.03576	-.57002	-.53639	-.27211	-.25690	-.20818	-.20884	-.28757	-.27024	-.21543
.800	-1.961	.03773	-.56506	-.53437	-.27238	-.25617	-.22304	-.22261	-.27954	-.26287	-.22261
.801	.024	.03749	-.56232	-.53164	-.27510	-.25781	-.24050	-.23898	-.27681	-.26069	-.23025
.802	1.998	.03620	-.55926	-.52909	-.28316	-.26583	-.25834	-.25628	-.28377	-.26653	-.24426
.799	4.038	.05047	-.54618	-.52793	-.29374	-.27629	-.27756	-.27659	-.29436	-.27591	-.25790
.799	5.997	.05202	-.56098	-.53119	-.30692	-.29166	-.30447	-.30736	-.31084	-.29238	-.27383
.799	8.010	.04222	-.56501	-.52804	-.32440	-.30854	-.32193	-.32483	-.33108	-.31588	-.29511
.799	10.015	.04615	-.55833	-.52263	-.34462	-.32717	-.34653	-.35162	-.36333	-.34488	-.31547
.798	11.997	.05414	-.55345	-.52810	-.36951	-.35144	-.37524	-.38255	-.39979	-.37963	-.34413
.799	14.004	.03374	-.56828	-.51825	-.39477	-.37777	-.40652	-.41549	-.43770	-.42078	-.37652
.799	15.993	.04293	-.54082	-.51660	-.41573	-.39817	-.44443	-.45835	-.48769	-.45758	-.40572
.800	17.991	.04556	-.54894	-.52034	-.44362	-.42767	-.48928	-.50869	-.53531	-.50846	-.43963
	GRADIENT	.00139	.00266	.00110	-.00268	-.00241	-.00866	-.00841	-.00088	-.00074	-.00530

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (OVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.599	-3.401	-.21175	-.43292	-.41036	-.25832	-.25106	-.20784	-.20932	-.27354	-.25878	-.21345
.598	-1.403	-.16908	-.42712	-.40527	-.25812	-.24743	-.22074	-.22292	-.26852	-.25652	-.22085
.599	.646	-.12516	-.42243	-.40267	-.25914	-.24915	-.23350	-.23705	-.26746	-.25068	-.22467
.599	2.654	-.08287	-.41770	-.40071	-.26013	-.25152	-.24412	-.24561	-.26706	-.25098	-.22982
.599	4.671	-.04033	-.41921	-.40214	-.26570	-.25635	-.27237	-.27664	-.27197	-.25237	-.23662
.600	6.702	.00224	-.41934	-.40032	-.26879	-.25949	-.27336	-.27693	-.27984	-.25965	-.24469
	GRADIENT	.02124	.00182	.00104	-.00083	-.00073	-.00755	-.00779	.00023	.00091	-.00274

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (OVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.402	8.090	.07801	-.38137	-.36242	-.25349	-.23927	-.26020	-.26726	-.26396	-.24634	-.22914
.402	10.029	.07122	-.38498	-.36835	-.25962	-.24770	-.27437	-.28143	-.27583	-.25478	-.23415
.398	12.103	.07898	-.39250	-.37790	-.27055	-.25840	-.29382	-.30220	-.28709	-.27266	-.24693
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.205	-1.736	.10781	-.42239	-.37033	-.26175	-.24901	-.22236	-.22250	-.28877	-.25341	-.22060
.203	.234	.10590	-.41076	-.36192	-.25123	-.23826	-.22581	-.21754	-.27245	-.23852	-.21349
.201	2.291	.10653	-.41469	-.36065	-.25640	-.23892	-.23692	-.23707	-.28446	-.23918	-.22010
.199	4.149	.10717	-.41427	-.36782	-.25911	-.25000	-.25452	-.25468	-.29434	-.24589	-.23296
.198	6.163	.10813	-.42718	-.37195	-.26758	-.25408	-.26955	-.26971	-.29188	-.25435	-.24143
.199	8.167	.10866	-.42467	-.37625	-.27028	-.26119	-.27658	-.28328	-.29227	-.25930	-.24208
.199	10.177	.10863	-.42642	-.37785	-.27591	-.26460	-.28878	-.29550	-.31546	-.27144	-.25200
.200	12.191	.10791	-.43931	-.38903	-.28595	-.27906	-.30949	-.31400	-.32945	-.28585	-.26227
.200	14.188	.10786	-.43929	-.39150	-.29989	-.29517	-.33184	-.34063	-.35170	-.30837	-.27638
.200	16.186	.10768	-.45614	-.40828	-.31231	-.30971	-.35288	-.35739	-.36849	-.32725	-.28878
	GRADIENT	-.00007	.00104	.00047	.00014	-.00015	-.00544	-.00587	-.00144	.00113	-.00219

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.249	-1.876	.11068	-.40145	-.34709	-.23788	-.23752	-.21396	-.20328	-.26168	-.23336	-.20760
.252	.057	.05129	-.39447	-.34097	- 23557	-.23310	-.22900	-.21638	-.25263	-.23112	-.21213
.250	1.995	.05179	-.38337	-.32926	-.22479	-.22444	-.23103	-.22041	-.24848	-.22030	-.20323
.250	4.120	.11117	-.38650	-.33216	-.23154	-.22687	-.24426	-.22929	-.25102	-.22702	-.21420
.249	6.124	.11102	-.38837	-.33384	-.23718	-.22818	-.26726	-.25441	-.26106	-.23048	-.21978
.250	8.170	.11119	-.38963	-.33970	-.23930	-.24324	-.27566	-.26504	-.26305	-.23694	-.22199
.250	10.164	.11133	-.39820	-.35037	-.25419	-.25166	-.29489	-.28210	-.28659	-.25612	-.24548
.250	12.193	.11155	-.41010	-.35588	-.25986	-.25947	-.30909	-.29848	-.30082	-.27253	-.25546
.250	14.177	.11119	-.41061	-.36276	-.27308	-.27913	-.33098	-.32037	-.30763	-.28576	-.26220
.251	15.988	.05039	-.42490	-.38594	-.28850	-.28166	-.35019	-.33754	-.33775	-.30961	-.27984
	GRADIENT	.00039	.00277	.00280	.00146	.00201	-.00467	-.00411	.00178	.00146	-.00058

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.396	-3.998	.07576	-.41568	-.37134	-.24777	-.23675	-.19667	-.19443	-.28232	-.24886	-.20524
.397	-1.853	.07473	-.41313	-.36772	-.24560	-.23461	-.20643	-.20302	-.26944	-.24315	-.20909
.398	.077	.07433	-.41442	-.36574	-.24547	-.23337	-.21943	-.21722	-.26329	-.23481	-.20916
.398	2.150	.07357	-.40632	-.36247	-.24372	-.23165	-.22594	-.22257	-.26149	-.23191	-.21454
.399	4.000	.07232	-.40919	-.36300	-.24658	-.23568	-.23583	-.23480	-.26552	-.23478	-.21857
.399	6.023	.07741	-.40988	-.36268	-.24904	-.23817	-.25348	-.25714	-.26908	-.23611	-.22230
.399	8.015	.07766	-.41298	-.36571	-.25773	-.24567	-.26334	-.26351	-.27898	-.24594	-.23095
.399	10.050	.07656	-.41475	-.37095	-.26405	-.25314	-.27786	-.27686	-.29470	-.26162	-.24312
.400	12.038	.08017	-.42732	-.38131	-.27477	-.26271	-.29551	-.29919	-.30999	-.27350	-.25390
.400	14.016	.08562	-.43207	-.38486	-.28529	-.28021	-.31653	-.31905	-.33105	-.29569	-.26792
.399	16.046	.08973	-.44900	-.39815	-.30420	-.29207	-.34017	-.34389	-.35359	-.31461	-.28211
	GRADIENT	-.00040	.00100	.00110	.00022	.00027	-.00489	-.00501	.00211	.00198	-.00160

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.597	-3.912	-.03110	-.44855	-.41117	-.26412	-.24860	-.20788	-.20596	-.28995	-.26238	-.21253
.598	-1.986	-.03398	-.44174	-.40502	-.26002	-.24456	-.21807	-.21667	-.28072	-.25477	-.21466
.599	.064	-.03601	-.43920	-.40098	-.25951	-.24557	-.23215	-.23126	-.27568	-.25074	-.21969
.599	2.044	-.03658	-.43728	-.39998	-.26070	-.24521	-.24133	-.23893	-.27741	-.24889	-.22482
.600	4.048	-.03948	-.43458	-.39641	-.26216	-.24673	-.25240	-.24901	-.27781	-.24989	-.23043
.600	6.067	-.04003	-.43794	-.39786	-.26896	-.25305	-.27223	-.27387	-.28507	-.25671	-.23830
.600	8.052	-.03974	-.44016	-.40052	-.27443	-.25999	-.28322	-.28487	-.29659	-.26667	-.24924
.599	10.064	-.03939	-.44582	-.40855	-.28557	-.27106	-.30143	-.30409	-.31284	-.28180	-.25978
.599	12.054	-.03830	-.45891	-.41710	-.29866	-.28314	-.32206	-.32524	-.33249	-.29841	-.27438
.599	14.089	-.03841	-.46321	-.42145	-.31276	-.29924	-.34617	-.35136	-.35560	-.32104	-.29052
.598	16.036	-.03823	-.48387	-.43688	-.33232	-.31822	-.37291	-.37965	-.37685	-.34667	-.31049
	GRADIENT	-.00097	.00162	.00173	.00016	.00015	-.00563	-.00543	.00138	.00154	-.00231

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.699	-1.948	-.00568	-.49098	-.42823	-.26651	-.25742	-.23477	-.22285	-.29024	-.26089	-.22741
.700	.086	-.00576	-.48803	-.42580	-.26808	-.25859	-.25336	-.23899	-.28679	-.25668	-.23278
.701	2.068	-.00435	-.48593	-.42267	-.27084	-.26014	-.26318	-.24928	-.28784	-.25699	-.24144
.701	4.043	-.00724	-.48412	-.42253	-.27529	-.26540	-.27588	-.26322	-.29352	-.26227	-.24919
.702	6.053	-.00528	-.49210	-.42457	-.28281	-.27213	-.30353	-.28764	-.30221	-.26860	-.25886
.702	8.087	-.00535	-.49461	-.42789	-.29435	-.28325	-.31383	-.30288	-.31499	-.28136	-.27204
.701	10.054	-.00446	-.50108	-.43504	-.30740	-.29625	-.33474	-.32377	-.33427	-.29767	-.28669
.700	12.048	-.00496	-.51069	-.44256	-.32274	-.31322	-.35955	-.34900	-.35581	-.32000	-.30531
.699	14.091	-.00420	-.52122	-.45124	-.34269	-.33600	-.38908	-.37894	-.38329	-.34736	-.32562
.698	16.021	.00308	-.53530	-.46307	-.36548	-.35461	-.42149	-.41174	-.40701	-.37511	-.34878
	GRADIENT	-.00016	.00114	.00102	-.00146	-.00128	-.00668	-.00659	-.00054	-.00022	-.00370

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.800	-1.928	.05483	-.58496	-.53347	-.26743	-.25732	-.24114	-.21974	-.31496	-.26212	-.22268
.800	.088	.05206	-.58375	-.52943	-.27082	-.26035	-.26329	-.23700	-.31351	-.26098	-.23195
.800	1.962	.05047	-.58161	-.52803	-.27724	-.26572	-.27318	-.25144	-.31712	-.26497	-.24257
.799	3.918	.04433	-.57977	-.53351	-.28952	-.27730	-.29344	-.27172	-.33460	-.27551	-.25697
.800	5.929	.04650	-.59593	-.53829	-.30644	-.29317	-.33601	-.30532	-.35841	-.29453	-.27637
.800	7.964	.04279	-.59813	-.53278	-.32773	-.31442	-.34551	-.32244	-.38604	-.31858	-.29694
.800	9.998	.04286	-.59291	-.52687	-.34927	-.33489	-.37155	-.34884	-.41838	-.34949	-.32162
.800	11.984	.04583	-.59041	-.52781	-.37239	-.35658	-.40092	-.37891	-.45825	-.38338	-.34926
.800	13.984	.05037	-.60981	-.51557	-.39414	-.38212	-.43448	-.41317	-.49014	-.41834	-.37797
.800	16.014	.05429	-.58755	-.51656	-.41595	-.40007	-.47786	-.45830	-.54476	-.46103	-.41057
	GRADIENT	-.00170	.00091	.00007	-.00374	-.00336	-.00861	-.00878	-.00321	-.00227	-.00584

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.850	-1.986	.06616	-.69374	-.65358	-.20634	-.19631	-.20713	-.18812	-.26787	-.22151	-.18956
.850	-.060	.11948	-.67769	-.62982	-.22078	-.20815	-.23388	-.21197	-.27222	-.21486	-.20012
.850	1.941	.03653	-.65488	-.60251	-.24376	-.22948	-.25781	-.23981	-.26827	-.21547	-.21533
.850	3.959	.04526	-.63159	-.58124	-.27526	-.25998	-.29283	-.27584	-.28583	-.22982	-.23552
.850	5.921	.04847	-.61045	-.56108	-.31620	-.30151	-.34864	-.32779	-.31610	-.25388	-.26188
.850	7.977	.10302	-.59600	-.54182	-.34849	-.33570	-.39774	-.38048	-.35717	-.29039	-.28999
.850	9.994	.10677	-.57658	-.52825	-.41135	-.39686	-.47479	-.46114	-.38927	-.31696	-.31463
.850	12.000	.05483	-.57057	-.52609	-.48109	-.47329	-.50111	-.48973	-.43892	-.34867	-.34474
.850	13.998	.09916	-.58515	-.50380	-.50998	-.51995	-.50601	-.49950	-.50710	-.41132	-.41523
.850	16.000	.04033	-.56157	-.49897	-.52200	-.52873	-.51737	-.51248	-.60447	-.49557	-.46872
.850	18.007	.04174	-.56039	-.49137	-.53025	-.54020	-.53889	-.53564	-.64507	-.55890	-.49549
	GRADIENT	-.00743	.01056	.01232	-.01160	-.01073	-.01417	-.01468	-.00253	-.00131	-.00773

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.902	-3.966	.12589	-.64060	-.61212	-.68066	-.67972	-.48530	-.49999	-.57111	-.57654	-.32858
.903	-2.086	.11509	-.62505	-.60232	-.66567	-.65784	-.47318	-.49417	-.67697	-.62753	-.42012
.902	-.097	.10329	-.61409	-.58685	-.63725	-.63066	-.46361	-.49425	-.65759	-.61446	-.41714
.898	1.907	.12601	-.60991	-.57318	-.60411	-.60993	-.46202	-.48767	-.62545	-.58608	-.41078
.900	3.946	.12018	-.59344	-.55471	-.57405	-.58140	-.45681	-.47936	-.60772	-.56756	-.41023
.900	5.975	.08075	-.57666	-.52955	-.54883	-.55409	-.45642	-.48951	-.59754	-.55441	-.40988
.899	7.994	.10163	-.56703	-.51082	-.53189	-.53628	-.44056	-.46675	-.59520	-.55169	-.41297
.896	10.011	.09172	-.55169	-.49347	-.52277	-.52720	-.43807	-.46497	-.60362	-.55661	-.41947
.901	12.003	.04963	-.52440	-.47735	-.50979	-.51572	-.43850	-.46647	-.60924	-.55854	-.42332
.898	14.024	.07039	-.52441	-.45185	-.50341	-.50996	-.45098	-.47933	-.61555	-.56743	-.43152
.895	15.974	.06310	-.50591	-.44886	-.49818	-.50537	-.46862	-.49648	-.63417	-.57916	-.44453
.896	18.011	.05068	-.49988	-.43808	-.49003	-.50207	-.48326	-.51230	-.64460	-.60028	-.45103
	GRADIENT	.00000	.00552	.00727	.01389	.01234	.00342	.00241	-.00091	.00311	-.00763

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.949	-1.976	.07630	-.55767	-.53731	-.61139	-.62149	-.46179	-.47880	-.67853	-.61868	-.43293
.950	-.019	.02780	-.54202	-.52423	-.59296	-.59619	-.45748	-.47771	-.66662	-.59970	-.41813
.950	1.978	.08004	-.53200	-.50360	-.56838	-.57567	-.44565	-.46870	-.64300	-.57857	-.40377
.951	3.955	.03080	-.51877	-.48545	-.53902	-.55011	-.42651	-.44930	-.61085	-.55415	-.39177
.950	6.019	.07584	-.50702	-.46414	-.51484	-.52627	-.41811	-.45337	-.59399	-.53521	-.38448
.949	7.955	.07353	-.49308	-.44337	-.49655	-.51028	-.40404	-.43114	-.58335	-.52295	-.38259
.949	9.976	.07278	-.47295	-.41748	-.47814	-.49276	-.39602	-.42255	-.57853	-.51293	-.38237
.950	12.045	.06039	-.45275	-.40455	-.46197	-.47632	-.39463	-.42143	-.58195	-.50858	-.38012
.950	13.979	.05329	-.44582	-.37655	-.44782	-.46393	-.39980	-.42518	-.57972	-.50891	-.38095
.949	16.000	.02293	-.42378	-.36918	-.43531	-.45175	-.40518	-.43318	-.59312	-.51094	-.38197
.949	17.985	.04456	-.41778	-.35852	-.42497	-.44201	-.41507	-.44079	-.59826	-.52700	-.38606
	GRADIENT	-.00423	.00640	.00891	.01221	.01186	.00595	.00493	.01146	.01085	.00696

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.978	-1.925	-.00323	-.51691	-.50497	-.57423	-.58662	-.42529	-.45081	-.64293	-.59200	-.40504
.981	-.047	.02611	-.49187	-.47605	-.55141	-.56130	-.42468	-.44683	-.62823	-.57256	-.39517
.980	1.955	.02747	-.48520	-.46126	-.53296	-.53951	-.41464	-.44128	-.61062	-.55074	-.38258
.981	3.974	.02677	-.47234	-.44175	-.50849	-.51842	-.39549	-.42150	-.58457	-.53017	-.36824
.979	6.033	.02427	-.46184	-.42221	-.48432	-.49683	-.38255	-.42211	-.56396	-.51084	-.35830
.980	8.012	.01845	-.44667	-.39870	-.46406	-.47658	-.36692	-.39885	-.54808	-.49308	-.35392
.979	9.979	-.01260	-.42905	-.37658	-.44700	-.46152	-.36159	-.39353	-.53978	-.48306	-.35475
.980	12.042	.00313	-.40908	-.36253	-.42926	-.44409	-.36016	-.39042	-.53890	-.47460	-.34854
.979	13.949	-.02737	-.40049	-.33455	-.41253	-.43076	-.36163	-.39276	-.53548	-.47309	-.34691
.975	16.022	-.04187	-.38673	-.33123	-.40361	-.42137	-.37112	-.40352	-.55080	-.47769	-.34985
.980	18.030	-.01021	-.37372	-.31456	-.38568	-.40330	-.37363	-.40321	-.55053	-.48621	-.34697
	GRADIENT	.00458	.00710	.01036	.01095	.01148	.00508	.00477	.00980	.01052	.00625

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.051	-1.965	-.02874	-.41759	-.40254	-.48793	-.49435	-.36607	-.39113	-.54984	-.51260	-.35500
1.048	.092	-.04657	-.40338	-.38505	-.47035	-.47799	-.35231	-.38010	-.53657	-.50073	-.33437
1.050	1.953	-.00823	-.38931	-.36718	-.44909	-.45971	-.33771	-.36398	-.51730	-.48004	-.31800
1.049	3.969	-.02458	-.37212	-.34583	-.42516	-.43701	-.32015	-.34615	-.49078	-.45704	-.30632
1.051	6.022	-.02959	-.35636	-.32218	-.40481	-.41429	-.30630	-.34228	-.47351	-.43692	-.29367
1.050	8.021	-.04148	-.34593	-.30406	-.38760	-.39799	-.29436	-.32621	-.45692	-.42062	-.28674
1.050	9.992	-.03040	-.32955	-.28121	-.36823	-.38013	-.28687	-.31812	-.44078	-.40569	-.28280
1.049	12.003	-.05588	-.31197	-.26921	-.35011	-.36530	-.28434	-.31445	-.43491	-.39563	-.27879
1.049	14.001	-.05704	-.30035	-.24045	-.33077	-.34629	-.28281	-.31261	-.42919	-.38962	-.27250
1.049	16.023	-.05926	-.28214	-.22964	-.31553	-.33078	-.28415	-.31397	-.43091	-.38509	-.26672
1.047	18.007	-.05240	-.27632	-.22256	-.30232	-.31850	-.28931	-.31859	-.43688	-.39604	-.26562
	GRADIENT	.00248	.00765	.00956	.01065	.00967	.00775	.00767	.00998	.00951	.00826

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.102	-4.231	.02364	-.35109	-.34047	-.43017	-.42929	-.31554	-.33178	-.47585	-.43621	-.31820
1.097	-3.821	-.03837	-.35240	-.34090	-.43291	-.43230	-.32096	-.33726	-.48301	-.44180	-.32081
1.100	-1.932	.05600	-.33721	-.31898	-.41053	-.41305	-.30356	-.31870	-.47183	-.42985	-.29209
1.101	.131	.05050	-.32046	-.29914	-.39098	-.39438	-.28539	-.30193	-.45626	-.41513	-.26768
1.099	2.006	-.02897	-.30867	-.28487	-.37288	-.38109	-.27281	-.28961	-.44173	-.40123	-.25454
1.098	4.060	-.02636	-.29183	-.26374	-.35141	-.35882	-.25445	-.27157	-.41818	-.38041	-.24205
1.098	6.010	-.01931	-.27984	-.24526	-.33520	-.34151	-.24357	-.26890	-.40511	-.36479	-.23370
1.099	8.012	-.03436	-.26768	-.22476	-.31835	-.32523	-.23293	-.25395	-.38975	-.34871	-.22505
1.098	9.988	-.03625	-.25541	-.20646	-.30337	-.31057	-.22792	-.24899	-.37777	-.33806	-.22398
1.098	12.021	-.02056	-.24080	-.19445	-.28619	-.29707	-.22549	-.24513	-.37099	-.32933	-.21985
1.098	14.008	.00772	-.23072	-.16813	-.27178	-.28070	-.22644	-.24379	-.36913	-.32445	-.21686
1.097	15.982	-.03715	-.21517	-.16008	-.25744	-.26893	-.22811	-.24691	-.37027	-.32323	-.21144
1.098	18.027	-.04283	-.20659	-.15098	-.24290	-.25554	-.23112	-.24963	-.37265	-.33015	-.20880
	GRADIENT	-.00362	.00734	.00941	.00981	.00870	.00780	.00767	.00723	.00698	.00990

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-4.230	.03930	-.31079	-.29652	-.38995	-.38526	-.28663	-.29566	-.44097	-.39813	-.28617
1.150	-2.009	.05902	-.29610	-.27523	-.37158	-.37161	-.27445	-.28624	-.43695	-.39138	-.26429
1.150	.011	.05415	-.28064	-.25811	-.35453	-.35901	-.25759	-.2[illegible]32	-.42356	-.38128	-.24629
1.151	2.027	.05535	-.26462	-.23854	-.33650	-.34294	-.23965	-.25503	-.41072	-.36655	-.22778
1.151	4.114	.05286	-.24671	-.21982	-.31722	-.32534	-.22064	-.23573	-.38868	-.34867	-.21290
1.149	5.708	.03843	-.23395	-.20289	-.29814	-.30769	-.20868	-.23265	-.37022	-.33047	-.20064
1.149	8.003	.03478	-.22107	-.18313	-.27913	-.28870	-.19997	-.22005	-.35560	-.31172	-.19248
1.150	10.080	.05528	-.20514	-.15702	-.26038	-.27051	-.19042	-.21131	-.33955	-.29572	-.18625
1.149	12.084	.04742	-.19138	-.14596	-.24282	-.25494	-.18357	-.20365	-.32933	-.28405	-.17938
1.151	14.054	.05874	-.18004	-.11969	-.22288	-.23586	-.17833	-.19814	-.32160	-.27383	-.17386
1.150	16.024	.03071	-.16103	-.10442	-.20541	-.21977	-.17869	-.19789	-.31968	-.26898	-.16647
1.151	18.060	.05331	-.15104	-.09161	-.18772	-.20184	-.17787	-.19682	-.31739	-.26524	-.15981
	GRADIENT	.00116	.00770	.00917	.00871	.00716	.00804	.00728	.00629	.00596	.00884

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.200	-4.090	.04524	-.27054	-.25749	-.34959	-.34315	-.25975	-.26935	-.41034	-.36203	-.26989
1.197	-1.857	.05683	-.25515	-.23694	-.33653	-.33281	-.24758	-.25937	-.40718	-.35632	-.25204
1.201	.004	.04500	-.23691	-.21796	-.31563	-.31924	-.22747	-.24300	-.39124	-.34539	-.23164
1.198	2.104	.05922	-.22083	-.19970	-.30376	-.30523	-.21300	-.22747	-.38223	-.33413	-.21473
1.203	4.006	.04687	-.20546	-.17711	-.28250	-.28777	-.19251	-.20992	-.36105	-.31660	-.19558
1.202	6.042	.04720	-.19060	-.16010	-.26520	-.27050	-.18143	-.20425	-.34403	-.29662	-.18342
1.201	8.046	.04632	-.17865	-.14278	-.24890	-.25313	-.17300	-.19039	-.33014	-.27626	-.16930
1.199	10.042	.06992	-.16395	-.12157	-.23047	-.23257	-.16370	-.18057	-.31558	-.26221	-.16216
1.203	12.036	.06196	-.15394	-.10976	-.20788	-.21568	-.14882	-.16997	-.29850	-.24389	-.14755
1.201	14.011	.05374	-.14332	-.08587	-.19029	-.19785	-.14334	-.16398	-.28861	-.23394	-.14179
1.200	16.020	.04726	-.12644	-.07110	-.17291	-.17996	-.14325	-.16282	-.28353	-.22935	-.13628
1.200	18.002	.04626	-.12043	-.07026	-.15252	-.16203	-.14237	-.16032	-.27908	-.21193	-.12864
	GRADIENT	.00033	.00815	.00982	.00826	.00685	.00836	.00746	.00609	.00558	.00922

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.299	-1.931	.01934	-.18966	-.17783	-.28411	-.27764	-.21130	-.21982	-.34309	-.29298	-.22866
1.299	-.060	.01592	-.17396	-.16562	-.26924	-.26106	-.19386	-.19977	-.33196	-.28274	-.21236
1.299	1.936	.01753	-.15651	-.14643	-.25753	-.24587	-.17646	-.17918	-.31460	-.27310	-.19324
1.300	4.028	.01133	-.13888	-.12508	-.24175	-.23129	-.16257	-.15832	-.29698	-.26019	-.17003
1.299	5.939	.01910	-.12145	-.10511	-.22667	-.21509	-.15172	-.14864	-.28725	-.24478	-.14673
1.300	7.974	.01730	-.10813	-.08167	-.20833	-.20023	-.14511	-.13276	-.26988	-.22851	-.13229
1.299	9.940	.01724	-.09454	-.06492	-.19100	-.18060	-.13530	-.12641	-.25428	-.21263	-.12477
1.300	12.007	.01774	-.08331	-.06358	-.17289	-.15880	-.12571	-.11597	-.24093	-.19968	-.11086
1.300	13.936	.01556	-.08220	-.05640	-.15678	-.14328	-.12432	-.11140	-.23495	-.18820	-.09617
1.299	15.981	.00760	-.07274	-.06540	-.14363	-.13128	-.12270	-.11584	-.22966	-.18057	-.08845
1.301	17.985	.00472	-.07627	-.07528	-.13041	-.12530	-.12027	-.13269	-.22515	-.16159	-.09691
	GRADIENT	-.00113	.00854	.00895	.00698	.00775	.00822	.01031	.00785	.00544	.00983

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.400	-3.954	-.11036	-.13863	-.13298	-.23370	-.23022	-.17358	-.18401	-.28355	-.26460	-.19850
1.400	-1.985	-.10562	-.12063	-.11559	-.22363	-.22131	-.15831	-.16955	-.27672	-.25442	-.18283
1.399	-.031	-.08954	-.10962	-.09771	-.21354	-.21324	-.14456	-.15813	-.26250	-.24501	-.17031
1.400	1.958	-.08402	-.09017	-.07575	-.20072	-.19872	-.12476	-.14487	-.25271	-.23384	-.14440
1.399	3.976	-.07027	-.07360	-.05004	-.18560	-.18562	-.11192	-.13002	-.24018	-.21674	-.13127
1.400	5.945	-.05978	-.05387	-.03377	-.16444	-.17078	-.10651	-.12032	-.22245	-.19874	-.11726
1.401	8.006	-.04759	-.04274	-.01722	-.14331	-.15483	-.09425	-.10405	-.21278	-.18278	-.10413
1.399	9.955	-.02642	-.03558	-.00719	-.13276	-.14086	-.08110	-.09405	-.20713	-.17110	-.08810
1.401	11.966	-.01489	-.03392	-.01182	-.11969	-.12581	-.07002	-.08469	-.19812	-.16322	-.08102
1.401	14.006	-.00833	-.03363	-.00866	-.10707	-.11349	-.08033	-.08869	-.18951	-.15261	-.08188
1.400	15.969	.00264	-.03328	-.02521	-.09834	-.10677	-.09854	-.09975	-.18327	-.14670	-.07976
1.399	18.004	.01303	-.05521	-.05255	-.09473	-.10516	-.12009	-.12188	-.17525	-.13245	-.07961
	GRADIENT	.00514	.00811	.01039	.00602	.00565	.00792	.00670	.00559	.00588	.00873

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.548	-3.916	-.13817	-.08460	-.07910	-.18994	-.17352	-.12611	-.12966	-.25626	-.21797	-.16357
1.549	-1.929	-.13804	-.06373	-.05477	-.17733	-.16251	-.11824	-.11830	-.23416	-.20190	-.15730
1.550	.009	-.13527	-.05202	-.03738	-.16309	-.15367	-.10591	-.10691	-.21611	-.18609	-.14813
1.551	2.017	-.13365	-.04696	-.02125	-.15773	-.14989	-.09578	-.09964	-.21551	-.18105	-.12723
1.552	4.012	-.13305	-.02666	-.00858	-.14940	-.13525	-.08306	-.08247	-.20271	-.16574	-.10877
1.551	6.030	-.13215	-.01272	-.00699	-.13449	-.12257	-.07418	-.07802	-.19160	-.15085	-.09704
1.550	8.072	-.12939	-.01013	-.00541	-.11644	-.10867	-.07546	-.07360	-.18118	-.14866	-.08692
1.549	10.056	-.12289	-.01589	-.00382	-.10567	-.10076	-.07864	-.07075	-.16914	-.14170	-.08185
1.548	12.088	-.12164	-.02825	-.01775	-.09524	-.09097	-.08215	-.08220	-.16000	-.13319	-.07427
1.547	14.077	-.12430	-.04888	-.02252	-.08353	-.08214	-.09773	-.09239	-.15848	-.12374	-.06827
1.548	16.089	-.12482	-.06467	-.06141	-.08314	-.08079	-.11951	-.12083	-.14692	-.11602	-.07043
	GRADIENT	.00074	.00670	.00881	.00508	.00450	.00548	.00571	.00634	.00632	.00706

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (OVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.899	-3.948	.09855	-.63787	-.60985	-.68060	-.67967	-.46268	-.47714	-.34910	-.34749	-.20453
.901	-2.075	.06819	-.62272	-.59974	-.66159	-.65575	-.46292	-.48661	-.53446	-.53020	-.35075
.902	-.043	.06692	-.60951	-.58353	-.63041	-.63016	-.45809	-.48850	-.64227	-.59850	-.41272
.899	1.912	.09827	-.59962	-.57105	-.59955	-.60615	-.45612	-.47986	-.62137	-.57988	-.40866
.901	4.013	.07074	-.58245	-.54902	-.56691	-.57601	-.44909	-.47340	-.60847	-.56337	-.40913
.901	5.955	.07160	-.56767	-.52624	-.54470	-.55074	-.44974	-.48518	-.59986	-.55106	-.40916
.900	7.975	.07211	-.55279	-.50453	-.52730	-.53399	-.43598	-.46093	-.59737	-.54852	-.41267
.899	9.994	.10249	-.53329	-.48437	-.51457	-.52191	-.43425	-.45924	-.60335	-.55008	-.41711
.898	12.001	.10169	-.51658	-.47872	-.50649	-.51510	-.43531	-.46222	-.61599	-.55761	-.42557
.896	13.988	.10029	-.51506	-.45105	-.49935	-.51172	-.44671	-.47180	-.61963	-.56675	-.43385
.896	16.034	.10189	-.49223	-.44201	-.49392	-.50254	-.46311	-.49003	-.64004	-.57670	-.44532
	GRADIENT	-.00127	.00673	.00757	.01455	.01291	.00172	.00074	-.03008	-.02385	-.02322

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.198	-3.971	.04792	-.26715	-.25412	-.35108	-.34425	-.25448	-.26466	-.40361	-.36191	-.26678
1.201	-1.989	.04010	-.24874	-.23250	-.33301	-.33254	-.23974	-.25474	-.39373	-.35240	-.24783
1.199	.078	.04963	-.23292	-.21301	-.31705	-.31926	-.22340	-.23890	-.38246	-.34332	-.22882
1.202	2.000	.04339	-.21435	-.19292	-.30090	-.30365	-.20538	-.22295	-.36880	-.32924	-.21130
1.199	4.043	.05307	-.19965	-.17659	-.28540	-.29084	-.19171	-.20721	-.35244	-.31756	-.19659
1.201	6.037	.04176	-.18146	-.15631	-.26659	-.27046	-.17830	-.20068	-.33517	-.29662	-.18157
1.201	7.984	.04268	-.16933	-.13677	-.24704	-.25146	-.16670	-.18483	-.31829	-.27603	-.16943
1.199	10.068	.05987	-.15253	-.11581	-.22849	-.23240	-.15784	-.17647	-.30226	-.26062	-.16110
1.203	12.004	.04966	-.14352	-.10471	-.20674	-.21385	-.14513	-.16639	-.28630	-.24257	-.14838
1.203	13.983	.04857	-.13291	-.08302	-.18975	-.19582	-.14034	-.16054	-.27725	-.23301	-.14147
1.195	16.063	.05945	-.11822	-.06190	-.17143	-.18337	-.14264	-.16341	-.27449	-.23070	-.13634
	GRADIENT	.00069	.00846	.00972	.00817	.00678	.00799	.00733	.00636	.00559	.00884

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (OVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.548	-3.832	-.13333	-.08293	-.07446	-.18832	-.17233	-.12228	-.12775	-.24989	-.21472	-.15923
1.551	-1.943	-.13471	-.06033	-.05140	-.17657	-.16255	-.11543	-.11647	-.23224	-.19855	-.15141
1.549	.059	-.13346	-.04911	-.03280	-.16450	-.15343	-.10329	-.10482	-.21630	-.18357	-.14227
1.550	2.067	-.13393	-.03935	-.01908	-.15738	-.14976	-.09361	-.09662	-.21124	-.17994	-.12475
1.550	4.112	-.13346	-.02004	-.00426	-.14619	-.13466	-.07911	-.08063	-.20092	-.16181	-.10673
1.550	6.042	-.13399	-.00723	-.00179	-.13032	-.12226	-.06921	-.07367	-.19141	-.15381	-.08991
1.549	8.081	-.13283	-.00776	-.00035	-.11675	-.10771	-.06836	-.06840	-.18041	-.15016	-.08516
1.547	10.091	-.12934	-.01074	.00308	-.10356	-.09897	-.06993	-.06799	-.16382	-.13898	-.07786
1.548	12.081	-.12857	-.01711	-.01215	-.09354	-.08995	-.07523	-.07823	-.15520	-.13040	-.07182
1.545	14.063	-.12931	-.03377	-.01603	-.08303	-.07995	-.08837	-.08989	-.15394	-.12230	-.06430
1.552	16.095	-.12875	-.05437	-.05380	-.08099	-.08087	-.11532	-.11636	-.14546	-.11581	-.06965
	GRADIENT	-.00007	.00737	.00867	.00519	.00443	.00544	.00574	.00596	.00625	.00663

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.201	-1.814	1.95195	-.43599	-.35235	-.26348	-.23540	-.22489	-.20797	-.29568	-.24206	-.22306
.203	.154	2.06877	-.42769	-.34581	-.26092	-.22717	-.23566	-.21493	-.28200	-.23369	-.21927
.203	2.179	2.05506	-.42387	-.33163	-.25302	-.22764	-.23821	-.21540	-.27409	-.22998	-.21974
.202	4.153	2.01703	-.43611	-.34724	-.26163	-.23602	-.26561	-.23420	-.28078	-.23838	-.23227
.203	6.085	1.98186	-.43056	-.34643	-.26344	-.24426	-.27576	-.25501	-.28038	-.24662	-.23636
.201	7.845	1.77524	-.43690	-.35281	-.27633	-.24808	-.29109	-.26125	-.29369	-.25050	-.24428
.201	9.843	1.70506	-.43691	-.35765	-.27743	-.26214	-.30273	-.27523	-.30746	-.27307	-.26051
.201	11.747	1.82228	-.44594	-.36216	-.28385	-.26850	-.31349	-.28805	-.32895	-.28161	-.26262
.202	13.750	1.81071	-.45171	-.36885	-.29566	-.28580	-.33340	-.30615	-.34026	-.30400	-.27889
.201	15.741	1.83597	-.47206	-.39236	-.31822	-.30495	-.36287	-.33955	-.39556	-.33737	-.30339
.200	17.724	1.86563	-.49163	-.40700	-.33880	-.32324	-.38808	-.36028	-.39731	-.36671	-.31307
	GRADIENT	.00907	.00017	.00149	.00068	-.00012	-.00625	-.00397	.00264	.00074	-.00141

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.250	-1.985	2.03946	-.40196	-.31365	-.23932	-.21110	-.21981	-.18347	-.26084	-.21767	-.20063
.250	.185	2.06044	-.41105	-.31585	-.23898	-.21709	-.24092	-.20656	-.25845	-.22153	-.20872
.250	2.161	2.05204	-.40261	-.31165	-.23688	-.21282	-.24098	-.20876	-.25205	-.21727	-.21307
.250	4.125	2.04723	-.40100	-.31014	-.23328	-.21786	-.25892	-.21596	-.25274	-.22016	-.21812
.250	6.096	1.95942	-.40709	-.31428	-.23976	-.22436	-.27822	-.23966	-.25917	-.23095	-.22247
.251	7.930	1.99093	-.40513	-.32132	-.24718	-.23185	-.28545	-.24495	-.25366	-.23627	-.22783
.253	10.021	2.07510	-.39979	-.31098	-.24432	-.23132	-.29461	-.25265	-.26124	-.24199	-.23370
.250	11.940	1.89671	-.42449	-.33185	-.26395	-.25069	-.32376	-.27672	-.29192	-.26801	-.25527
.251	13.902	1.92066	-.42745	-.33947	-.27403	-.26721	-.34210	-.29528	-.30615	-.29300	-.27179
.250	15.709	1.82131	-.44116	-.35460	-.29081	-.28177	-.36804	-.31869	-.34474	-.31638	-.28424
	GRADIENT	.00081	.00052	.00071	.00099	-.00080	-.00580	-.00496	.00151	-.00017	-.00281

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.401	-1.955	2.15572	-.42972	-.34577	-.25370	-.22089	-.21524	-.18987	-.27943	-.22694	-.20858
.401	.036	2.07651	-.42844	-.34439	-.25106	-.22054	-.22764	-.20340	-.26751	-.22775	-.21401
.401	2.050	2.08129	-.42377	-.33988	-.24903	-.22203	-.23375	-.20957	-.26197	-.22576	-.21785
.401	4.012	2.07505	-.42332	-.33955	-.25115	-.22419	-.24862	-.21985	-.26176	-.23139	-.22118
.402	6.031	2.08018	-.42711	-.34098	-.25485	-.23018	-.26388	-.24089	-.26431	-.23508	-.22718
.402	7.898	1.95829	-.42704	-.34352	-.26231	-.23312	-.27822	-.24610	-.27521	-.24838	-.23705
.403	9.941	2.01127	-.43052	-.34735	-.26997	-.25350	-.29498	-.26186	-.29545	-.26297	-.24712
.403	11.847	1.83347	-.43830	-.35961	-.27754	-.26105	-.31063	-.27977	-.31112	-.27859	-.25697
.402	13.841	1.88477	-.45133	-.36796	-.29388	-.27965	-.33619	-.30187	-.33212	-.30183	-.27330
.402	15.870	1.88985	-.45715	-.38036	-.30602	-.29402	-.36003	-.32212	-.36869	-.32439	-.28998
	GRADIENT	-.01192	.00120	.00116	.00049	-.00057	-.00533	-.00482	.00294	-.00057	-.00209

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.700	-1.942	1.99182	-.50993	-.40526	-.27546	-.24779	-.24588	-.21002	-.29869	-.25001	-.23153
.700	.041	1.99897	-.50854	-.40069	-.27474	-.24834	-.26212	-.22425	-.29010	-.24973	-.23870
.700	2.017	1.97667	-.50634	-.39719	-.27655	-.25137	-.27259	-.23512	-.28861	-.25153	-.24504
.701	3.980	1.98801	-.50518	-.39735	-.28091	-.25657	-.28769	-.24859	-.28883	-.25838	-.25438
.701	6.002	2.03808	-.51457	-.39735	-.28722	-.26413	-.31214	-.28052	-.29596	-.26842	-.26442
.701	7.987	2.00879	-.51893	-.39945	-.29941	-.27594	-.33045	-.28325	-.30855	-.28311	-.27871
.701	9.983	2.09878	-.52638	-.40351	-.31411	-.29184	-.35505	-.30163	-.32244	-.30355	-.29669
.701	11.940	1.94343	-.53659	-.41362	-.32956	-.30890	-.38041	-.32738	-.34863	-.32764	-.31501
.700	13.869	1.94561	-.55565	-.42258	-.34996	-.33131	-.41202	-.35438	-.36989	-.35504	-.33745
.698	15.856	1.97539	-.55643	-.43290	-.37088	-.35049	-.44635	-.38401	-.41118	-.38548	-.36122
.697	17.909	1.98493	-.57733	-.44643	-.39633	-.37669	-.48525	-.41820	-.43050	-.42423	-.38623
	GRADIENT	-.00171	.00083	.00138	-.00092	-.00149	-.00688	-.00641	.00158	-.00136	-.00379

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.800	-3.993	2.19080	-.59862	-.51443	-.27566	-.24537	-.23404	-.19313	-.33193	-.25329	-.22078
.800	-1.945	2.05774	-.59615	-.50988	-.27494	-.24744	-.25107	-.20703	-.32042	-.25189	-.22808
.800	-.103	2.07723	-.59942	-.50582	-.27640	-.25063	-.27026	-.22240	-.31248	-.25299	-.23614
.800	2.034	2.05185	-.59285	-.50214	-.28338	-.25832	-.28488	-.23951	-.31838	-.26173	-.24943
.800	3.997	2.07416	-.61146	-.49658	-.29408	-.27007	-.30667	-.25790	-.32417	-.27453	-.26330
.799	5.983	2.14500	-.63319	-.49390	-.31033	-.28732	-.33924	-.29115	-.34499	-.29459	-.28197
.800	7.938	2.04475	-.63621	-.48843	-.33284	-.30741	-.36344	-.30153	-.37511	-.32266	-.30592
.800	10.015	2.10130	-.63079	-.47978	-.35672	-.33228	-.39496	-.32712	-.41190	-.35868	-.33778
.800	11.935	1.89652	-.62056	-.48548	-.37838	-.35077	-.42285	-.35467	-.45236	-.39075	-.36291
.800	13.922	1.91091	-.63829	-.47656	-.40388	-.37799	-.45734	-.38538	-.48966	-.42665	-.39538
.800	15.918	1.91535	-.61626	-.47933	-.42464	-.39660	-.50352	-.42419	-.56310	-.46621	-.42867
.800	17.964	1.95964	-.62176	-.47971	-.44695	-.42862	-.56848	-.47152	-.58360	-.51420	-.46107
	GRADIENT	-.01203	-.00111	.00218	-.00228	-.00303	-.00896	-.00812	.00086	-.00263	-.00534

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.850	-1.921	2.02585	-.71748	-.61676	-.21178	-.19429	-.20154	-.18513	-.27362	-.20781	-.19500
.850	.083	2.04031	-.70505	-.59240	-.21940	-.21488	-.22342	-.21321	-.27717	-.20607	-.20528
.849	1.911	2.02590	-.69606	-.56822	-.23662	-.24470	-.24711	-.24046	-.27671	-.21417	-.22052
.850	3.916	2.09145	-.68326	-.54194	-.26236	-.29201	-.28443	-.27652	-.27517	-.22736	-.23564
.850	6.055	2.08356	-.67104	-.51697	-.30291	-.33616	-.35549	-.32683	-.30248	-.25350	-.25924
.850	7.947	2.05999	-.65721	-.49339	-.35026	-.34879	-.45772	-.34014	-.34208	-.29056	-.28595
.850	10.052	2.07240	-.63662	-.47515	-.42711	-.37727	-.52076	-.38550	-.38262	-.34038	-.30789
.850	11.914	1.82452	-.61791	-.47720	-.48883	-.42674	-.51139	-.43144	-.40983	-.37834	-.34142
.850	13.904	1.94492	-.62591	-.45944	-.53373	-.47690	-.52324	-.45116	-.46945	-.44169	-.43523
.850	15.960	1.96682	-.59992	-.45769	-.55391	-.48548	-.53823	-.46368	-.58187	-.49992	-.49384
.850	17.893	1.89778	-.59767	-.45709	-.56956	-.50257	-.58170	-.48246	-.64599	-.58261	-.53747
.850	18.929	1.89398	-.59538	-.45492	-.57241	-.50952	-.60560	-.49846	-.67812	-.60231	-.54870
	GRADIENT	.00953	.00578	.01285	-.00873	-.01670	-.01409	-.01559	-.00022	-.00345	-.00708

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.901	-3.993	2.11363	-.68322	-.57833	-.72904	-.64259	-.52675	-.46224	-.41911	-.58546	-.23936
.901	-1.992	2.05915	-.67052	-.55556	-.71367	-.62502	-.51898	-.45559	-.46582	-.58137	-.37689
.902	-.031	2.09186	-.66104	-.52454	-.68456	-.59571	-.51894	-.44926	-.68411	-.56472	-.45891
.901	1.956	2.05706	-.65112	-.50729	-.64871	-.56393	-.51130	-.44382	-.67054	-.53868	-.45646
.899	3.998	2.12144	-.64134	-.49713	-.62529	-.53198	-.50962	-.43455	-.65055	-.51657	-.45512
.900	5.974	2.14127	-.62397	-.47929	-.60429	-.50353	-.51047	-.44241	-.64737	-.50745	-.45994
.900	7.870	1.98775	-.60690	-.46324	-.58510	-.48715	-.49649	-.43029	-.64295	-.50856	-.46199
.899	9.976	2.05688	-.58794	-.44211	-.57367	-.47477	-.49558	-.41846	-.66631	-.51189	-.47074
.900	11.929	1.85725	-.56312	-.43894	-.55851	-.47275	-.49262	-.41744	-.66820	-.52097	-.47023
.899	13.877	1.85070	-.55909	-.41681	-.55114	-.46941	-.50414	-.41880	-.67532	-.52923	-.48049
.900	15.937	1.86382	-.53386	-.40875	-.54069	-.46065	-.51552	-.42793	-.69755	-.53272	-.48860
.900	17.933	1.89382	-.52866	-.40042	-.53307	-.45477	-.52842	-.44921	-.69945	-.56073	-.49815
	GRADIENT	.00071	.00518	.01056	.01367	.01417	.00210	.00337	-.03337	.00906	-.02559

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.949	-4.034	1.98262	-.61258	-.50407	-.67077	-.60313	-.50061	-.44365	-.71174	-.59595	-.47550
.950	-1.959	2.04477	-.60029	-.48894	-.65267	-.56833	-.50164	-.43111	-.71040	-.57297	-.46988
.949	-.034	2.08820	-.58699	-.47786	-.63450	-.55299	-.49982	-.42778	-.69778	-.55270	-.45935
.949	1.998	2.08670	-.57400	-.46032	-.60933	-.52674	-.48398	-.42121	-.68038	-.53191	-.44495
.950	3.973	2.06688	-.55926	-.44369	-.58241	-.50224	-.46875	-.40662	-.65163	-.50768	-.43668
.951	6.040	2.07599	-.54250	-.42038	-.55841	-.47832	-.46215	-.39369	-.63220	-.48546	-.43153
.950	7.898	2.00234	-.52773	-.40112	-.53845	-.46000	-.44668	-.38043	-.62305	-.47320	-.43105
.950	9.938	2.09564	-.50699	-.37634	-.52258	-.44517	-.44890	-.36575	-.62173	-.46296	-.42897
.951	11.944	1.88598	-.48372	-.36938	-.50105	-.43367	-.43479	-.37003	-.61738	-.46620	-.42436
.950	13.959	1.92110	-.47631	-.34355	-.48991	-.42213	-.44263	-.37282	-.61834	-.46773	-.43045
.950	15.980	1.94944	-.45469	-.33682	-.47665	-.41156	-.44765	-.38254	-.63187	-.46781	-.42999
.949	17.944	1.91873	-.44764	-.33081	-.46528	-.40621	-.45564	-.39568	-.63484	-.49233	-.43131
	GRADIENT	.01056	.00665	.00748	.01102	.01220	.00407	.00421	.00751	.01090	.00513

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.981	-4.081	1.97967	-.57230	-.46264	-.63656	-.56092	-.47467	-.43289	-.68105	-.55870	-.45844
.980	-1.928	2.05338	-.55991	-.45260	-.61192	-.54543	-.46716	-.41042	-.66997	-.55190	-.44246
.978	-.014	2.04817	-.54089	-.44147	-.59275	-.51964	-.46534	-.40367	-.66023	-.53004	-.43382
.979	2.026	2.03891	-.52499	-.42273	-.57166	-.49566	-.45018	-.39875	-.64545	-.50573	-.42208
.979	3.994	2.05837	-.51061	-.40535	-.54965	-.47542	-.43641	-.38163	-.62310	-.48462	-.41056
.979	5.991	2.12303	-.49781	-.38519	-.52788	-.45194	-.43001	-.36761	-.60193	-.46533	-.40526
.979	7.940	2.00059	-.48193	-.36363	-.50640	-.43519	-.41296	-.35668	-.58668	-.44914	-.40252
.980	9.961	1.99623	-.45976	-.33804	-.48446	-.42097	-.40690	-.34314	-.58482	-.43853	-.40013
.980	11.932	1.91032	-.43966	-.32860	-.46687	-.40480	-.40139	-.34126	-.58130	-.43527	-.39348
.979	13.945	1.92452	-.43047	-.30515	-.45324	-.39274	-.40619	-.34537	-.58901	-.43564	-.39292
.981	15.898	1.94593	-.40697	-.29535	-.43783	-.37577	-.40771	-.34756	-.58882	-.43093	-.39053
.979	17.969	1.95422	-.40111	-.28891	-.42557	-.36842	-.41565	-.35844	-.59135	-.45302	-.39251
	GRADIENT	.00721	.00787	.00718	.01065	.01097	.00465	.00570	.00698	.00964	.00578

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.051	-4.011	1.97852	-.47298	-.37518	-.54544	-.47201	-.41257	-.36815	-.58578	-.48226	-.40984
1.050	-1.942	1.96724	-.45802	-.36287	-.52486	-.45646	-.39907	-.35798	-.57942	-.47439	-.38774
1.049	-.019	1.98685	-.43986	-.34741	-.50609	-.44069	-.38537	-.34270	-.56861	-.46037	-.36870
1.050	2.009	2.02050	-.42109	-.33047	-.48255	-.42074	-.36809	-.32751	-.54829	-.44040	-.35437
1.048	4.018	2.01674	-.40344	-.31299	-.46055	-.39779	-.35480	-.30822	-.52698	-.41775	-.34400
1.048	6.058	2.06260	-.38915	-.29246	-.44450	-.37699	-.35085	-.29624	-.50917	-.39902	-.33856
1.049	7.995	1.99003	-.37641	-.27323	-.42494	-.36071	-.33634	-.28616	-.49285	-.38124	-.33025
1.050	10.014	2.15290	-.35928	-.24564	-.40418	-.34243	-.32785	-.26857	-.50426	-.36173	-.32680
1.049	11.998	1.95422	-.34011	-.23990	-.38449	-.33006	-.32285	-.27205	-.48652	-.36005	-.32001
1.049	13.933	1.98267	-.32636	-.21230	-.36686	-.31247	-.32243	-.27018	-.48961	-.35488	-.31544
1.051	15.966	2.00396	-.30685	-.20305	-.35082	-.29507	-.32244	-.27028	-.48192	-.34744	-.30895
1.050	17.958	2.01044	-.29822	-.19574	-.33633	-.28495	-.32480	-.27640	-.48071	-.36228	-.30565
	GRADIENT	.00646	.00879	.00783	.01060	.00920	.00732	.00751	.00743	.00814	.00825

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.101	-3.861	1.88250	-.38737	-.29645	-.46319	-.39212	-.35177	-.29783	-.50642	-.40297	-.34771
1.101	-1.934	2.03492	-.37526	-.27942	-.44533	-.37467	-.33717	-.28302	-.50089	-.39055	-.32606
1.098	.011	1.99787	-.36116	-.26759	-.43256	-.36255	-.32550	-.27146	-.49506	-.38242	-.31151
1.097	1.967	2.02256	-.34472	-.25190	-.41084	-.34585	-.30732	-.25688	-.47766	-.36516	-.29527
1.098	4.069	1.99743	-.32303	-.23347	-.38622	-.32220	-.28993	-.23531	-.45378	-.34203	-.28126
1.102	6.028	2.08426	-.30618	-.21031	-.36728	-.29804	-.28440	-.21859	-.43302	-.32007	-.27123
1.101	7.940	1.91656	-.29320	-.19237	-.35030	-.28451	-.27004	-.21104	-.42245	-.30567	-.26532
1.099	10.041	2.06115	-.28057	-.17268	-.33444	-.27158	-.26525	-.20239	-.42235	-.29307	-.26475
1.101	11.953	1.94800	-.26183	-.16229	-.31420	-.25512	-.25810	-.20012	-.41074	-.28672	-.25562
1.100	13.871	1.91693	-.25048	-.13954	-.30053	-.24267	-.25915	-.20181	-.41189	-.28605	-.25301
1.101	15.911	1.91806	-.23271	-.13380	-.28590	-.23026	-.26057	-.20515	-.41120	-.28411	-.24793
1.101	17.912	1.94513	-.22396	-.12574	-.27033	-.21899	-.26109	-.20967	-.40506	-.29559	-.24310
	GRADIENT	.01084	.00807	.00777	.00955	.00855	.00778	.00766	.00653	.00747	.00827

ORIGINAL PAGE IS
OF POOR QUALITY

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-3.928	2.01002	-.34836	-.25551	-.41811	-.34725	-.31008	-.25930	-.45971	-.36229	-.30300
1.151	-1.962	2.04859	-.32982	-.23818	-.40199	-.33535	-.29572	-.25687	-.45850	-.35397	-.28420
1.151	.008	2.05114	-.31291	-.22399	-.38539	-.32123	-.27907	-.24350	-.44665	-.34261	-.26419
1.148	2.044	2.04377	-.29484	-.20643	-.36460	-.30623	-.25544	-.22704	-.42811	-.32872	-.24191
1.149	4.047	2.03303	-.27657	-.19102	-.34154	-.29072	-.23997	-.20688	-.40720	-.31180	-.22920
1.150	6 039	2.08258	-.25770	-.17184	-.32133	-.26828	-.23936	-.18740	-.38674	-.28741	-.22581
1.149	7.933	1.93581	-.24185	-.15511	-.30609	-.25024	-.22738	-.17620	-.37655	-.26632	-.21880
1.149	9.940	2.07975	-.22875	-.13041	-.28602	-.23049	-.21899	-.16505	-.36672	-.24572	-.21818
1.149	11.887	1.86793	-.21167	-.12329	-.26840	-.21758	-.21134	-.16486	-.35662	-.23918	-.20857
1.148	13.900	1.90021	-.19762	-.09742	-.25347	-.19939	-.21087	-.15971	-.35576	-.23037	-.20560
1.150	15.857	1.87983	-.17594	-.09131	-.23480	-.18575	-.20885	-.16271	-.35200	-.23167	-.19887
1.150	17.910	1.92817	-.16446	-.08199	-.22004	-.17207	-.21015	-.16480	-.34204	-.23632	-.19378
1.148	18.951	1.95715	-.15438	-.07832	-.21353	-.16227	-.21085	-.16330	-.34020	-.22842	-.19061
	GRADIENT	.00204	.00895	.00805	.00955	.00713	.00905	.00676	.00680	.00633	.00951

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.200	-4.012	2.07164	-.30336	-.22161	-.38219	-.30673	-.28770	-.23477	-.43836	-.32613	-.30002
1.202	-1.980	2.04860	-.28443	-.20217	-.36677	-.29376	-.26823	-.22747	-.43377	-.31748	-.27919
1.201	-.016	2.05734	-.26639	-.18547	-.35307	-.28304	-.25261	-.21508	-.42443	-.30892	-.25788
1.201	2.000	2.05280	-.24798	-.17060	-.33763	-.26842	-.23556	-.20019	-.41196	-.29593	-.23757
1.200	3.978	2.08634	-.23212	-.15445	-.32180	-.25312	-.22131	-.18077	-.39209	-.28199	-.21979
1.201	6.018	2.09593	-.21620	-.13339	-.29557	-.24154	-.21459	-.16591	-.36289	-.26417	-.21063
1.200	7.937	2.07834	-.19376	-.11728	-.27764	-.22125	-.20082	-.15868	-.35220	-.24276	-.19604
1.202	9.993	2.11113	-.18312	-.09334	-.25188	-.20387	-.18531	-.15072	-.33680	-.22864	-.17890
1.198	11.886	1.84725	-.17341	-.09199	-.22863	-.19418	-.17343	-.15129	-.32389	-.22139	-.16999
1.196	13.858	1.87298	-.15501	-.06939	-.21330	-.17365	-.17213	-.14723	-.31797	-.21448	-.16923
1.204	15.934	1.90877	-.13771	-.05338	-.19028	-.15626	-.16419	-.13753	-.30602	-.20740	-.15644
1.202	17.947	1.93565	-.13617	-.04962	-.17335	-.14123	-.16185	-.13868	-.30187	-.20644	-.15193
	GRADIENT	.00167	.00897	.00831	.00751	.00664	.00829	.00677	.00572	.00550	.01012

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	-4.010	1.88875	-.23610	-.16668	-.32600	-.26279	-.24819	-.21099	-.38041	-.27841	-.27053
1.301	-1.957	2.02013	-.21930	-.15021	-.30802	-.24745	-.23371	-.19564	-.36879	-.26392	-.25545
1.300	-.020	2.02373	-.20025	-.13088	-.29507	-.23623	-.21930	-.17658	-.34831	-.25443	-.24016
1.299	1.989	2.04828	-.18522	-.11325	-.28294	-.22440	-.20514	-.16009	-.33879	-.24752	-.21759
1.300	4.021	2.04597	-.16900	-.08984	-.26294	-.21253	-.19038	-.14677	-.32225	-.23419	-.19816
1.299	6.015	2.11577	-.14409	-.05744	-.25163	-.20441	-.17213	-.13922	-.31238	-.23069	-.17786
1.300	7.960	2.02609	-.13038	-.05379	-.21740	-.17497	-.15488	-.11600	-.28749	-.20057	-.16260
1.300	9.999	2.13198	-.10816	-.03865	-.20434	-.17051	-.14314	-.11805	-.27430	-.18459	-.14681
1.301	11.906	1.89701	-.10220	-.04334	-.18599	-.16084	-.13459	-.11064	-.26441	-.18100	-.13072
1.300	13.940	1.94493	-.09648	-.01694	-.17348	-.13943	-.13113	-.11155	-.25638	-.17977	-.12206
1.299	15.926	1.95538	-.08714	-.02036	-.16147	-.13930	-.13014	-.10855	-.22955	-.17441	-.11326
1.299	17.954	1.94618	-.09545	-.03446	-.15011	-.12277	-.14305	-.12668	-.22596	-.17402	-.11348
	GRADIENT	.01716	.00841	.00953	.00756	.00618	.00721	.00819	.00731	.00524	.00913

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.401	-4.020	1.91267	-.17529	-.10641	-.26678	-.20232	-.19700	-.16189	-.34637	-.22373	-.22907
1.401	-1.993	1.98557	-.15625	-.08506	-.25038	-.18818	-.17884	-.14227	-.30593	-.21447	-.21293
1.401	-.015	1.97644	-.13907	-.06745	-.24104	-.17839	-.16220	-.12739	-.29706	-.20548	-.19191
1.402	1.977	1.98307	-.12126	-.05114	-.22286	-.16542	-.14294	-.11330	-.28626	-.19448	-.17289
1.399	4.008	2.02120	-.10948	-.03237	-.20929	-.15203	-.13294	-.10036	-.26278	-.17884	-.15663
1.400	6.072	2.05652	-.08719	-.02209	-.19131	-.14437	-.12269	-.09009	-.25227	-.16774	-.14006
1.401	8.039	2.11415	-.07275	-.00548	-.17130	-.13473	-.11651	-.08051	-.23589	-.16179	-.12641
1.400	10.071	2.19329	-.06996	.00224	-.15998	-.11940	-.10029	-.06712	-.22204	-.14016	-.10846
1.402	11.999	1.98182	-.05897	.00138	-.14227	-.11606	-.09269	-.07130	-.21796	-.13764	-.09855
1.401	14.063	2.03380	-.06215	.01281	-.13317	-.10268	-.10188	-.07619	-.21204	-.13713	-.09372
1.401	15.966	2.01402	-.06264	-.00916	-.12417	-.09485	-.11577	-.09011	-.20353	-.13499	-.09448
1.399	18.004	2.01274	-.07412	-.04314	-.11566	-.08462	-.14101	-.11134	-.19365	-.12163	-.09368
	GRADIENT	.01074	.00832	.00909	.00712	.00616	.00819	.00759	.00934	.00548	.00923

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.548	-3.908	1.84243	-.12573	-.04251	-.21859	-.14152	-.14955	-.10421	-.31681	-.17240	-.19026
1.548	-1.851	1.85650	-.10409	-.02780	-.21059	-.13218	-.13322	-.09530	-.27778	-.16580	-.17664
1.549	.114	1.84742	-.07921	-.01456	-.20006	-.13425	-.12039	-.08401	-.25464	-.16125	-.16323
1.549	2.104	1.87373	-.06414	.00598	-.18835	-.12434	-.11427	-.07402	-.24142	-.15012	-.14448
1.550	4.150	1.88358	-.05870	.00693	-.17489	-.11475	-.10468	-.06667	-.22508	-.13670	-.12820
1.551	6.220	1.91501	-.04594	.02401	-.15910	-.09654	-.08995	-.06149	-.20921	-.13459	-.10742
1.552	8.091	1.93765	-.04340	.01705	-.13216	-.08451	-.08045	-.04787	-.18606	-.12508	-.09189
1.551	10.026	2.07894	-.03464	.01294	-.11977	-.08915	-.08001	-.06323	-.17950	-.11554	-.08037
1.547	11.923	2.01404	-.03995	-.01109	-.10120	-.08775	-.08812	-.07327	-.17133	-.12203	-.07264
1.546	13.900	2.04322	-.05005	-.01961	-.09226	-.07313	-.10453	-.08716	-.16552	-.11688	-.07322
1.552	15.908	2.07452	-.06530	-.04939	-.09359	-.06970	-.13025	-.11320	-.15672	-.10618	-.06978
1.549	17.898	2.10055	-.08807	-.06137	-.09323	-.06523	-.14192	-.11347	-.15032	-.09156	-.07703
	GRADIENT	.00496	.00866	.00660	.00546	.00306	.00542	.00480	.01096	.00434	.00779

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (OVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.202	-1.929	-.31382	-.41939	-.37650	-.25437	-.25612	-.21605	-.22465	-.28212	-.24581	-.21846
.202	-.016	-.27307	-.41265	-.37176	-.25773	-.25099	-.22778	-.23004	-.28557	-.24701	-.21958
.202	2.003	-.23081	-.40046	-.36188	-.24419	-.23960	-.22707	-.22721	-.27824	-.23353	-.21258
.202	3.989	-.18963	-.40497	-.36427	-.25074	-.24515	-.23996	-.25068	-.28692	-.24007	-.22546
.201	6.053	-.14550	-.41677	-.36938	-.25716	-.25891	-.26333	-.26775	-.29787	-.24855	-.23383
	GRADIENT	.02098	.00280	.00235	.00124	.00209	-.00358	-.00381	-.00035	.00156	-.00071

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (OVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.250	-1.734	-.25284	-.39033	-.34276	-.22784	-.23177	-.21693	-.20633	-.25362	-.23406	-.20419
.250	.144	-.21112	-.38790	-.33814	-.22949	-.23128	-.22928	-.22511	-.25101	-.22714	-.20795
.251	2.144	-.16629	-.38079	-.32910	-.22517	-.22909	-.23137	-.21868	-.24660	-.22283	-.21013
.250	4.009	-.18457	-.38806	-.33803	-.23528	-.23707	-.24800	-.25028	-.25907	-.23291	-.22225
.250	6.242	-.07452	-.39346	-.34150	-.24348	-.24312	-.26902	-.25842	-.25643	-.23468	-.22621
	GRADIENT	.01304	.00074	.00123	-.00092	-.00070	-.00494	-.00648	-.00061	.00041	-.00292

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.404	-1.870	-.29974	-.40526	-.36918	-.24262	-.24111	-.20459	-.20586	-.27265	-.24367	-.20717
.404	.085	-.25709	-.40280	-.36452	-.24050	-.23785	-.21627	-.21526	-.26817	-.23469	-.20627
.405	2.152	-.21073	-.40093	-.36280	-.24154	-.23776	-.22424	-.22324	-.26911	-.23347	-.21087
.399	4.167	-.16669	-.40050	-.35899	-.24140	-.23753	-.23416	-.24017	-.27090	-.23311	-.21457
.398	6.117	-.12287	-.40860	-.36585	-.25161	-.24771	-.25608	-.25624	-.28350	-.23978	-.22356
	GRADIENT	.02208	.00080	.00160	.00013	.00053	-.00479	-.00550	.00021	.00162	-.00133

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.599	-1.963	-.18010	-.44987	-.41102	-.25975	-.25781	-.21920	-.21779	-.29721	-.25603	-.21743
.599	.091	-.16052	-.44454	-.40516	-.25739	-.25390	-.23078	-.22937	-.28970	-.24901	-.21918
.599	2.060	-.09642	-.44267	-.40064	-.25833	-.25381	-.23997	-.23701	-.29017	-.24838	-.22577
.599	4.128	-.06717	-.44327	-.39912	-.26183	-.25781	-.25330	-.25398	-.29631	-.25084	-.23287
.599	6.169	-.01614	-.44486	-.39825	-.26606	-.26102	-.26997	-.26910	-.30302	-.25613	-.24134
	GRADIENT	.01987	.00107	.00199	-.00036	.00000	-.00551	-.00575	.00011	.00080	-.00261

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.800	-1.822	-.26162	-.58062	-.53465	-.26630	-.26001	-.24138	-.22100	-.31526	-.26099	-.22500
.799	.082	-.21963	-.58200	-.53227	-.27047	-.26314	-.26295	-.23878	-.31590	-.26134	-.23443
.800	2.136	-.17642	-.57923	-.52889	-.27795	-.26993	-.27494	-.25429	-.32227	-.26571	-.24718
.800	4.197	-.13435	-.58093	-.53855	-.29147	-.29273	-.29608	-.27579	-.34204	-.27749	-.26384
.800	6.281	-.08868	-.59517	-.53782	-.30921	-.29870	-.33395	-.30566	-.36889	-.29659	-.28294
	GRADIENT	.02113	.00010	-.00043	-.00414	-.00374	-.00874	-.00894	-.00434	-.00270	-.00644

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (OVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.850	-1.940	-.25143	-.68863	-.65182	-.20637	-.19831	-.19875	-.18982	-.26710	-.22377	-.18931
.850	.144	-.26439	-.66925	-.62727	-.22367	-.21201	-.22606	-.21552	-.26726	-.21484	-.20207
.850	2.202	-.18271	-.64870	-.60152	-.25120	-.23626	-.25423	-.24758	-.27021	-.21935	-.22018
.850	4.246	-.12456	-.62464	-.57782	-.28489	-.26861	-.29048	-.28320	-.29158	-.23520	-.24221
.850	6.335	-.08998	-.60616	-.55690	-.32710	-.30983	-.33652	-.33478	-.32636	-.26232	-.27031
	GRADIENT	.02239	.01031	.01202	-.01275	-.01140	-.01471	-.01514	-.00370	-.00187	-.00857

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.900	-1.931	-.32159	-.62022	-.60962	-.65811	-.67091	-.46886	-.49353	-.64238	-.58620	-.38002
.900	.161	-.27995	-.60843	-.59175	-.62251	-.64085	-.46436	-.49758	-.66508	-.60948	-.40817
.900	2.233	-.20158	-.59845	-.57022	-.59055	-.61411	-.46205	-.48825	-.64103	-.58852	-.40893
.900	4.321	-.18726	-.58412	-.54919	-.56248	-.58609	-.45803	-.48057	-.62762	-.56870	-.40793
.900	6.393	-.14404	-.57192	-.52634	-.54020	-.56170	-.46017	-.48362	-.62487	-.55771	-.41037
	GRADIENT	.02311	.00568	.00974	.01531	.01350	.00167	.00231	.00327	.00352	-.00406

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.950	-1.845	-.29388	-.54780	-.53810	-.60444	-.63015	-.45963	-.48098	-.67742	-.62098	-.42641
.949	.191	-.24602	-.53721	-.52436	-.58635	-.60545	-.45741	-.48049	-.66627	-.60203	-.41319
.949	2.270	-.19431	-.52799	-.50158	-.56067	-.58039	-.44179	-.46545	-.63946	-.57637	-.39839
.949	4.361	-.15003	-.51475	-.48146	-.52978	-.55327	-.42460	-.44852	-.60876	-.55067	-.38816
.949	6.385	-.11012	-.50170	-.46060	-.50806	-.53045	-.42590	-.45072	-.59578	-.53447	-.38336
	GRADIENT	.02335	.00524	.00932	.01207	.01236	.00584	.00544	.01126	.01144	.00626

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.981	-1.847	-.27307	-.50949	-.50570	-.56757	-.58976	-.41715	-.45049	-.64123	-.58981	-.39945
.979	.196	-.19683	-.49178	-.47989	-.54767	-.56738	-.42040	-.45040	-.63151	-.57246	-.39229
.979	2.283	-.14553	-.48117	-.45809	-.52636	-.54469	-.40701	-.43896	-.60902	-.54918	-.37862
.979	4.387	-.10630	-.46899	-.43919	-.50155	-.52132	-.38920	-.42115	-.58142	-.52720	-.36471
.979	6.418	-.06751	-.45760	-.41909	-.47810	-.49960	-.38280	-.42011	-.56476	-.50855	-.35827
	GRADIENT	.02651	.00635	.01064	.01056	.01097	.00469	.00480	.00973	.01016	.00568

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (OVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.049	-1.980	-.19879	-.41347	-.40549	-.48312	-.50496	-.36359	-.39138	-.56894	-.51527	-.35100
1.048	.124	-.16640	-.39903	-.38456	-.46567	-.48634	-.34917	-.37813	-.55558	-.50077	-.33035
1.051	2.223	-.12384	-.38096	-.36185	-.44055	-.46117	-.33011	-.35747	-.53425	-.47464	-.31222
1.051	4.323	-.05623	-.36445	-.34035	-.41724	-.43583	-.31448	-.34007	-.50797	-.44987	-.30042
1.051	6.472	-.01128	-.35145	-.31844	-.39902	-.41709	-.30758	-.33855	-.49529	-.43262	-.29169
	GRADIENT	.02274	.00798	.01053	.01076	.01124	.00804	.00844	.00988	.01075	.00819

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.101	-1.920	-.26974	-.32841	-.32288	-.40109	-.42081	-.29649	-.32120	-.47165	-.43478	-.28503
1.098	.082	-.16714	-.31665	-.30519	-.38641	-.40479	-.28435	-.30771	-.46140	-.42360	-.26718
1.101	2.167	-.16589	-.29947	-.28187	-.36284	-.38065	-.26247	-.28548	-.43932	-.39769	-.24617
1.100	4.279	-.12353	-.28352	-.26086	-.34041	-.35769	-.24622	-.26866	-.41493	-.37613	-.23469
1.098	6.344	-.01847	-.27349	-.24207	-.32736	-.34327	-.24349	-.26992	-.40735	-.36426	-.23052
	GRADIENT	.02117	.00735	.01013	.00995	.01033	.00835	.00870	.00931	.00978	.00831

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-1.979	-.25665	-.28550	-.28233	-.36103	-.38072	-.26716	-.28948	-.43142	-.39164	-.26003
1.149	.012	-.21629	-.27155	-.26312	-.34468	-.36581	-.25069	-.27331	-.41822	-.38034	-.24103
1.151	2.154	-.18449	-.25564	-.24117	-.32755	-.34839	-.22983	-.25490	-.40458	-.36621	-.22099
1.149	4.267	-.12080	-.24123	-.22266	-.31023	-.32836	-.21351	-.23388	-.38430	-.34146	-.20824
1.149	6.306	-.07772	-.22727	-.20286	-.29061	-.30681	-.20532	-.22929	-.36628	-.31878	-.19728
	GRADIENT	.02105	.00712	.00962	.00812	.00836	.00871	.00887	.00743	.00790	.00839

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.201	-1.981	-.26826	-.24319	-.24039	-.32091	-.34201	-.23686	-.26103	-.38920	-.36039	-.23745
1.199	.093	-.23748	-.22785	-.21987	-.30737	-.32990	-.22178	-.24627	-.37990	-.35241	-.21797
1.198	2.179	-.18602	-.21215	-.19954	-.29255	-.31539	-.20362	-.22921	-.36787	-.33790	-.19923
1.198	4.250	-.14483	-.19586	-.17974	-.27636	-.29838	-.18543	-.21233	-.35071	-.31781	-.18267
1.199	6.371	-.10171	-.18146	-.15990	-.25762	-.27865	-.17705	-.20423	-.33362	-.29745	-.16990
	GRADIENT	.02030	.00759	.00973	.00714	.00700	.00830	.00785	.00614	.00684	.00681

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.299	-1.929	-.24030	-.19211	-.17854	-.26867	-.29779	-.19293	-.22779	-.31986	-.31084	-.20159
1.299	.039	-.19811	-.17828	-.15839	-.25474	-.28326	-.17246	-.21304	-.31136	-.30381	-.17905
1.301	2.123	-.15392	-.15700	-.13370	-.23885	-.26621	-.15321	-.19692	-.29973	-.29104	-.15891
1.300	4.246	-.10288	-.13878	-.11637	-.22062	-.24742	-.13442	-.18100	-.28669	-.27483	-.14645
1.299	6.301	-.05950	-.12174	-.09531	-.20414	-.23068	-.12286	-.16973	-.27165	-.25894	-.13055
	GRADIENT	.02216	.00880	.01024	.00777	.00816	.00945	.00759	.00540	.00588	.00898

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.401	-2.028	-.17838	-.12112	-.10951	-.21511	-.23597	-.14570	-.17785	-.27200	-.25311	-.17483
1.399	.076	-.13426	-.09899	-.09569	-.20178	-.22292	-.13242	-.15882	-.26549	-.23575	-.16266
1.399	2.205	-.08845	-.08525	-.06883	-.18802	-.20889	-.11810	-.14678	-.25372	-.22771	-.14661
1.398	4.281	-.04296	-.06944	-.04528	-.17361	-.19255	-.10984	-.12912	-.23516	-.21426	-.12950
1.400	6.338	.00219	-.05882	-.03182	-.15919	-.17212	-.10091	-.11845	-.22012	-.19781	-.11309
	GRADIENT	.02147	.00802	.01043	.00657	.00685	.00579	.00751	.00580	.00591	.00722

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.549	-2.124	-.11464	-.06296	-.05527	-.16649	-.18711	-.09899	-.12848	-.22109	-.22022	-.13175
1.550	-.045	-.05598	-.04652	-.03411	-.15447	-.17005	-.09141	-.11836	-.21254	-.19839	-.12004
1.549	2.045	-.01271	-.02785	-.02179	-.14655	-.16308	-.07748	-.10823	-.20745	-.19394	-.10292
1.549	4.167	.03577	-.01341	-.01432	-.12842	-.15297	-.06578	-.09948	-.19114	-.18013	-.08558
1.550	6.159	.07846	-.00574	-.00382	-.11416	-.14248	-.05927	-.08530	-.17737	-.16640	-.07553
	GRADIENT	.02358	.00798	.00644	.00583	.00522	.00542	.00463	.00453	.00595	.00743

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	8.038	.01701	-.10646	-.08149	-.20591	-.19725	-.14454	-.13192	-.26619	-.22634	-.13086
1.300	11.908	.04855	-.08441	-.06319	-.17477	-.15977	-.12574	-.11541	-.23977	-.20016	-.11231
1.299	15.903	.05811	-.07288	-.06206	-.14417	-.12891	-.12118	-.11142	-.22744	-.17914	-.08775
1.299	17.967	.06515	-.07655	-.07354	-.13187	-.12386	-.13030	-.13010	-.22490	-.16219	-.09228
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.319	7.955	.00358	-.08869	-.05400	-.19981	-.19002	-.13508	-.14468	-.26520	-.20609	-.14248
1.319	11.997	.03900	-.06716	-.03678	-.15412	-.15245	-.11302	-.11598	-.23717	-.18669	-.11809
1.320	16.006	.05064	-.06745	-.00672	-.13687	-.13149	-.10109	-.11813	-.21301	-.16847	-.10008
1.320	18.010	.05863	-.08012	-.03948	-.13141	-.13035	-.11979	-.14317	-.21215	-.15207	-.09231
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.340	7.977	-.00549	-.07771	-.05406	-.16660	-.18244	-.11332	-.11741	-.24958	-.20103	-.12757
1.340	12.002	.02713	-.06153	-.04165	-.14486	-.15354	-.08849	-.10549	-.21682	-.17926	-.10327
1.337	16.034	.04138	-.05523	-.03821	-.12222	-.12634	-.09828	-.11271	-.21116	-.16928	-.08347
1.335	18.010	.04907	-.06782	-.04992	-.10981	-.11997	-.11287	-.12300	-.20909	-.15084	-.08946
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.360	7.980	-.02354	-.06960	-.04176	-.17186	-.18448	-.11707	-.13089	-.23072	-.21502	-.11122
1.360	11.974	-.00388	-.04554	-.02681	-.13182	-.15545	-.10011	-.11368	-.20988	-.19212	-.08817
1.360	16.056	.02824	-.04908	-.02638	-.11047	-.12948	-.10292	-.12018	-.19116	-.17491	-.07897
1.361	17.986	.03881	-.06117	-.04990	-.10796	-.12183	-.12592	-.13202	-.18210	-.15953	-.07818
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.378	7.985	-.03572	-.06387	-.02946	-.15927	-.16847	-.09704	-.12230	-.22816	-.19986	-.12125
1.380	11.946	-.00282	-.03664	-.01858	-.14222	-.13373	-.08350	-.10358	-.19844	-.17878	-.09050
1.381	16.045	.01314	-.04635	-.02821	-.10899	-.11484	-.09684	-.11298	-.19241	-.16406	-.07141
1.381	17.961	.01835	-.06985	-.05288	-.10108	-.10807	-.11758	-.12509	-.17962	-.14681	-.08453
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.400	7.991	-.04478	-.04327	-.01662	-.14639	-.15447	-.09190	-.10456	-.21326	-.18269	-.10550
1.400	11.952	-.01467	-.03328	-.01234	-.12182	-.12678	-.06990	-.08513	-.19930	-.16243	-.07975
1.401	16.014	.00039	-.03379	-.02630	-.09848	-.10604	-.09868	-.09931	-.18387	-.14592	-.08164
1.399	17.971	.01113	-.05517	-.05108	-.09609	-.10422	-.11828	-.12065	-.17713	-.13120	-.07955
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.450	7.985	-.07387	-.03647	-.02554	-.13012	-.13879	-.06707	-.09345	-.19354	-.16871	-.08206
1.449	11.857	-.06348	-.03906	-.02355	-.10354	-.11540	-.05593	-.07889	-.17672	-.15820	-.06319
1.451	16.025	-.12111	-.05259	-.04363	-.08531	-.10235	-.09411	-.11825	-.15938	-.14144	-.05381
1.451	18.092	-.11734	-.07013	-.07746	-.08567	-.09527	-.13431	-.14988	-.15261	-.13065	-.06275
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.201	-1.766	.11013	-.40920	-.35082	-.24212	-.24176	-.22904	-.21627	-.27439	-.25049	-.22056
.201	2.228	.11051	-.40949	-.34517	-.24792	-.23479	-.25623	-.23505	-.26503	-.24132	-.23079
.201	6.192	.11030	-.40893	-.34414	-.25047	-.24367	-.28243	-.26754	-.27415	-.24167	-.23965
.201	10.191	.11117	-.41163	-.35537	-.26169	-.25702	-.30224	-.28521	-.29183	-.25932	-.24872
.200	14.198	.11075	-.42815	-.37557	-.28736	-.28694	-.34355	-.33286	-.33740	-.30014	-.27857
.201	18.204	.11088	-.45488	-.38606	-.30790	-.30957	-.38235	-.36545	-.36995	-.34179	-.29924
	GRADIENT	.00010	-.00007	.00142	-.00145	.00175	-.00681	-.00470	.00234	.00230	-.00256

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.397	-1.964	.08138	-.41250	-.35539	-.24636	-.23538	-.22019	-.20967	-.27005	-.24261	-.21321
.399	2.089	.08177	-.40419	-.34997	-.24200	-.23346	-.24062	-.22204	-.25493	-.23127	-.21619
.400	6.076	.08095	-.40534	-.34658	-.24703	-.23734	-.27014	-.25510	-.26577	-.23632	-.22478
.399	10.062	.08103	-.41490	-.36064	-.26433	-.25692	-.29801	-.28529	-.29366	-.26293	-.24785
.399	14.055	.08145	-.42755	-.37674	-.28979	-.28585	-.33868	-.32831	-.32734	-.29305	-.27446
.398	18.049	.08187	-.46530	-.40366	-.32224	-.31472	-.38778	-.37621	-.37762	-.35370	-.31037
	GRADIENT	.00010	.00205	.00134	.00108	.00047	-.00504	-.00305	.00373	.00280	-.00073

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.599	-1.951	-.03835	-.45256	-.39335	-.26012	-.25091	-.23236	-.21949	-.28618	-.25522	-.22209
.600	2.115	-.03766	-.44561	-.38624	-.25895	-.25031	-.25407	-.23818	-.27659	-.24633	-.23095
.601	6.089	-.03856	-.45021	-.38589	-.26830	-.25864	-.29020	-.27489	-.28949	-.25468	-.24451
.600	10.078	-.03858	-.45658	-.39654	-.28658	-.27737	-.31739	-.30512	-.31722	-.28168	-.26835
.600	14.086	-.03596	-.47600	-.41384	-.31630	-.31118	-.36626	-.35452	-.35733	-.32121	-.29908
.598	18.076	-.03387	-.51020	-.44041	-.35546	-.34715	-.42386	-.41313	-.41338	-.38066	-.33711
	GRADIENT	.00017	.00171	.00175	.00029	.00015	-.00534	-.00460	.00236	.00219	-.00218

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.699	-1.936	-.00705	-.49151	-.42940	-.26663	-.25880	-.23624	-.22396	-.28944	-.26185	-.22726
.702	2.061	-.00744	-.48693	-.42360	-.27079	-.26136	-.26316	-.24932	-.28812	-.25782	-.24233
.703	6.114	-.00823	-.49327	-.42529	-.28344	-.27317	-.30459	-.28910	-.30368	-.26922	-.26071
.701	10.066	-.00679	-.50208	-.43619	-.30711	-.29596	-.33528	-.32431	-.33399	-.29820	-.28639
.700	14.084	-.00735	-.52350	-.45200	-.34283	-.33657	-.39038	-.37942	-.38460	-.34667	-.32538
.697	18.070	-.00510	-.55289	-.47632	-.39014	-.38087	-.45789	-.44897	-.44591	-.41514	-.37297
	GRADIENT	-.00010	.00113	.00145	-.00104	-.00064	-.00674	-.00635	.00033	.00101	-.00377

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.801	-1.983	.04709	-.58667	-.51934	-.26700	-.25702	-.23369	-.22274	-.28651	-.26063	-.22378
.800	1.919	.04480	-.58544	-.51533	-.27977	-.26791	-.26947	-.25848	-.29097	-.26669	-.24528
.800	5.912	.04296	-.59614	-.52218	-.30703	-.29[illegible]	-.32588	-.31318	-.31858	-.29253	-.27598
.800	9.967	.04397	-.59712	-.51209	-.34852	-.33[illegible]	-.36350	-.35430	-.37119	-.34892	-.32303
.60	13.967	.04370	-.61171	-.50332	-.39520	-.38213	-.42012	-.42080	-.44818	-.41782	-.37906
.799	18.030	.04642	-.[illegible]	-.[illegible]	-.44537	-.43381	-.51604	-.51698	-.50387	-.51047	-.44313
	GRADIENT	-.00058	.00031	.00103	-.00325	-.00[illegible]	-.00[illegible]	-.00916	-.00[illegible]	-.00155	-.00[illegible]

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.900	-1.953	.10581	-.62963	-.58713	-.66652	-.66468	-.48583	-.50039	-.62944	-.59709	-.38938
.900	1.965	.10638	-.60741	-.55550	-.60248	-.61261	-.47975	-.49400	-.62428	-.58675	-.41471
.900	5.944	.07905	-.57995	-.51299	-.55157	-.56084	-.47537	-.49477	-.59676	-.55568	-.41503
.900	9.984	.07976	-.54973	-.47362	-.52281	-.53274	-.45388	-.46841	-.60065	-.55497	-.42363
.900	13.992	.10739	-.52822	-.43803	-.50522	-.51700	-.46914	-.48247	-.61642	-.56730	-.43794
.900	17.996	.10267	-.49851	-.41904	-.49074	-.50437	-.50466	-.51435	-.64523	-.59854	-.45458
	GRADIENT	.00015	.00567	.00808	.01635	.01329	.00155	.00163	.00132	.00264	-.00647

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.950	-1.973	.05681	-.55827	-.52409	-.61112	-.62327	-.47541	-.48517	-.64684	-.61901	-.43228
.950	1.989	.03369	-.53354	-.48904	-.56957	-.57743	-.46229	-.47579	-.61247	-.57748	-.40359
.950	6.006	.08435	-.50904	-.44916	-.51675	-.52789	-.43243	-.45868	-.56437	-.53543	-.38574
.950	9.980	.02360	-.47479	-.40439	-.47927	-.49390	-.41247	-.42913	-.54587	-.51209	-.38377
.950	14.007	.01365	-.44968	-.36466	-.44924	-.46505	-.41857	-.43205	-.54554	-.50774	-.38267
.950	17.985	.00940	-.42136	-.34541	-.42697	-.44285	-.43906	-.44940	-.56231	-.52585	-.38746
	GRADIENT	-.00583	.00624	.00885	.01049	.01157	.00331	.00237	.00868	.01048	.00724

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.980	-2.021	-.00019	-.51606	-.49156	-.57838	-.59162	-.44393	-.45762	-.61985	-.59393	-.40676
.979	2.041	.03281	-.48869	-.44706	-.53584	-.54352	-.43616	-.44846	-.58690	-.55199	-.38546
.980	6.025	.03086	-.46364	-.40690	-.48574	-.49883	-.39960	-.42763	-.53819	-.50952	-.36070
.980	9.998	-.00454	-.43118	-.36411	-.44902	-.46271	-.38261	-.40050	-.51298	-.48237	-.35861
.980	14.003	-.02239	-.40472	-.32361	-.41439	-.43291	-.38395	-.40018	-.50596	-.47197	-.34926
.980	18.003	.00647	-.37766	-.30282	-.38927	-.40557	-.40103	-.41161	-.52125	-.48531	-.35118
	GRADIENT	.00813	.00674	.01095	.01047	.01184	.00191	.00226	.00811	.01032	.00524

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.050	-1.995	-.02704	-.41944	-.39052	-.48947	-.49826	-.38455	-.39777	-.54175	-.51187	-.35718
1.049	2.060	-.04828	-.38928	-.35386	-.44955	-.46107	-.35554	-.36786	-.50750	-.47793	-.31895
1.049	6.072	-.02341	-.35744	-.30906	-.40640	-.41767	-.32194	-.34995	-.46432	-.43717	-.29720
1.050	10.045	-.02190	-.33115	-.26898	-.36906	-.38273	-.30605	-.32306	-.43073	-.40395	-.28666
1.050	14.074	-.00166	-.30487	-.22796	-.33358	-.34582	-.30432	-.31689	-.41954	-.38596	-.27694
1.049	18.029	-.04686	-.27737	-.20803	-.30344	-.31723	-.31208	-.32291	-.42428	-.39271	-.26834
	GRADIENT	-.00524	.00744	.00904	.00985	.00917	.00715	.00737	.00845	.00837	.00943

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.100	-2.011	-.01986	-.34001	-.30866	-.41233	-.41719	-.31970	-.32702	-.46980	-.43177	-.29691
1.099	2.052	-.01635	-.30996	-.27238	-.37246	-.38195	-.28623	-.29439	-.43648	-.40022	-.25685
1.100	6.005	-.02448	-.28062	-.23165	-.33447	-.34143	-.25317	-.27392	-.39845	-.36253	-.23554
1.100	10.024	-.01078	-.25635	-.19446	-.30077	-.31122	-.23860	-.25248	-.36855	-.33491	-.22467
1.100	14.083	.03931	-.23129	-.15594	-.26797	-.27848	-.23619	-.24578	-.35760	-.31994	-.21594
1.100	18.076	.03235	-.20760	-.13855	-.24198	-.25396	-.24608	-.25280	-.36268	-.32499	-.20974
	GRADIENT	.00086	.00740	.00893	.00981	.00868	.00824	.00803	.00820	.00777	.00986

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.148	-1.987	.03939	-.29542	-.26602	-.37145	-.37372	-.28707	-.29503	-.42270	-.39181	-.26625
1.149	2.086	.03878	-.26413	-.22745	-.33579	-.34371	-.25241	-.26121	-.39161	-.36602	-.22565
1.151	6.046	.05813	-.23191	-.18936	-.29729	-.30604	-.21886	-.23761	-.35139	-.32736	-.20143
1.151	10.040	.06707	-.20511	-.14797	-.26090	-.27057	-.20374	-.21529	-.32440	-.29363	-.18708
1.150	14.088	.06219	-.18049	-.11010	-.22464	-.23634	-.19366	-.20328	-.30256	-.27174	-.17612
1.150	18.062	.05279	-.15083	-.08254	-.19125	-.20353	-.19639	-.20320	-.30148	-.26177	-.16239
	GRADIENT	-.00015	.00768	.00947	.00876	.00737	.00851	.00831	.00763	.00633	.00997

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.200	-1.998	.05089	-.25486	-.22506	-.33277	-.33558	-.26009	-.26732	-.38837	-.35627	-.25201
1.200	2.045	.06296	-.22350	-.18522	-.30121	-.30817	-.22763	-.23568	-.36318	-.33325	-.21515
1.199	6.060	.06113	-.19307	-.15047	-.26937	-.27555	-.19583	-.21235	-.32941	-.30034	-.18553
1.199	10.055	.07340	-.16709	-.11085	-.23050	-.23672	-.17559	-.18607	-.29627	-.26313	-.16363
1.200	14.080	.06967	-.14649	-.07463	-.19213	-.20170	-.15801	-.17014	-.26729	-.23770	-.14466
1.200	18.036	.04676	-.12291	-.06231	-.15372	-.16416	-.15605	-.16709	-.25653	-.21574	-.12929
	GRADIENT	.00299	.00776	.00985	.00780	.00678	.00803	.00782	.00623	.00569	.00911

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	-1.999	.01468	-.19083	-.16914	-.28274	-.27915	-.22479	-.22548	-.33884	-.29353	-.23128
1.300	2.014	.01629	-.15709	-.13603	-.25675	-.24740	-.18870	-.18357	-.30672	-.27248	-.19430
1.300	5.952	.01788	-.12456	-.09574	-.22560	-.21775	-.16138	-.15479	-.28279	-.24453	-.15131
1.300	9.980	.02622	-.09531	-.05958	-.18821	-.18127	-.14574	-.13161	-.24742	-.21123	-.12784
1.300	14.018	.02552	-.08470	-.05213	-.15621	-.14583	-.13809	-.11668	-.22914	-.18857	-.10188
1.300	18.041	.01847	-.08201	-.06944	-.13460	-.12773	-.14723	-.14180	-.21674	-.16289	-.09279
	GRADIENT	.00040	.00811	.00825	.00648	.00791	.00899	.01044	.00891	.00525	.00921

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR009) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.550	-1.888	-.12793	-.06600	-.04397	-.17597	-.16522	-.12744	-.12081	-.22986	-.19969	-.15903
1.550	2.047	-.12894	-.04568	-.01301	-.15706	-.15271	-.10907	-.10437	-.21103	-.17911	-.12942
1.550	6.027	-.12802	-.01307	.00091	-.13407	-.12499	-.08414	-.08196	-.18745	-.15108	-.09751
1.549	10.107	-.12029	-.01877	.00123	-.10451	-.10308	-.08983	-.07369	-.16645	-.14058	-.08226
1.550	14.069	-.12162	-.05159	-.02023	-.08268	-.08382	-.10919	-.09563	-.15524	-.12311	-.07062
1.549	18.098	-.13278	-.09133	-.07284	-.09269	-.08589	-.13888	-.13641	-.14443	-.10782	-.08124
	GRADIENT	-.00026	.00516	.00787	.00481	.00318	.00467	.00418	.00478	.00523	.00752

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR010) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.219	8.054	2.02335	-.18372	-.09616	-.26105	-.21906	-.19113	-.16285	-.31966	-.23898	-.18590
1.219	11.957	2.18803	-.14910	-.06324	-.23598	-.18026	-.19275	-.13799	-.30449	-.21014	-.16777
1.220	16.095	2.11806	-.11263	-.02618	-.19891	-.14057	-.18312	-.11418	-.27836	-.18695	-.15253
1.218	18.084	2.07728	-.11315	-.02270	-.18245	-.12461	-.17728	-.11677	-.26619	-.18318	-.15017
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.240	8.054	2.02446	-.16687	-.07445	-.25298	-.21349	-.18996	-.15849	-.30976	-.23991	-.17690
1.240	11.968	2.04950	-.13557	-.04535	-.20889	-.17777	-.17670	-.14477	-.28596	-.20578	-.16974
1.238	15.977	2.04826	-.11376	-.00917	-.17925	-.14473	-.16621	-.12702	-.26872	-.18613	-.15750
1.239	18.079	2.06859	-.10944	-.01342	-.16211	-.12921	-.15671	-.12264	-.25764	-.17655	-.15037
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (OVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.260	8.045	2.01750	-.14959	-.06511	-.24555	-.19663	-.18889	-.14561	-.30591	-.21974	-.18316
1.259	11.981	2.04742	-.13147	-.02788	-.20437	-.16745	-.15010	-.12457	-.26236	-.19780	-.15309
1.258	15.984	2.06836	-.10623	.00197	-.16809	-.12313	-.14367	-.10777	-.24862	-.18607	-.13205
1.258	18.096	2.03443	-.10890	-.00552	-.16146	-.11175	-.16103	-.09965	-.24107	-.17471	-.12383
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.280	8.039	2.03566	-.13778	-.04906	-.22896	-.18971	-.17529	-.13699	-.28516	-.20755	-.16869
1.280	11.999	2.06283	-.11348	-.01099	-.21063	-.13809	-.16227	-.09846	-.26792	-.18433	-.14260
1.280	15.970	2.02933	-.09779	-.01678	-.17718	-.09948	-.15352	-.06911	-.24695	-.15904	-.13328
1.279	18.105	2.03235	-.10765	-.03590	-.17109	-.09309	-.17036	-.09059	-.24057	-.14801	-.13444
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	8.026	2.01617	-.12933	-.04288	-.22198	-.17690	-.16863	-.12970	-.28015	-.20561	-.16380
1.300	11.917	2.16776	-.10333	-.03353	-.19890	-.14388	-.16357	-.10656	-.26327	-.17250	-.14405
1.300	15.977	2.01801	-.08363	-.03939	-.16637	-.11822	-.15901	-.11489	-.23433	-.15699	-.11084
1.301	18.072	2.03973	-.08981	-.05216	-.15528	-.10652	-.16670	-.13325	-.22591	-.15110	-.11705
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.320	8.006	2.01764	-.11315	-.03787	-.20845	-.17272	-.15207	-.11091	-.27254	-.20135	-.15359
1.321	12.016	2.04958	-.09284	-.01586	-.18029	-.12665	-.14367	-.06676	-.25391	-.16980	-.13714
1.319	15.986	2.02529	-.08449	-.01238	-.16280	-.10759	-.14847	-.06138	-.23064	-.14152	-.12567
1.321	18.067	1.99448	-.09049	-.02190	-.15658	-.09795	-.16136	-.08650	-.22407	-.13909	-.12845
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.341	8.001	2.01912	-.09989	-.02443	-.20877	-.16892	-.15411	-.11947	-.26365	-.19311	-.14787
1.340	12.007	2.03843	-.08639	-.00392	-.16295	-.13821	-.13081	-.10953	-.23902	-.16483	-.12741
1.340	15.979	2.02636	-.06468	-.00274	-.13766	-.11443	-.13524	-.10736	-.22365	-.15511	-.11572
1.340	18.098	1.98389	-.07523	-.02464	-.12943	-.10710	-.14284	-.12046	-.21927	-.14542	-.11615
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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OF POOR QUALITY

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.360	7.994	2.01203	-.08979	-.01017	-.19371	-.16011	-.14527	-.10768	-.25877	-.18636	-.14620
1.360	11.935	2.00672	-.07530	.00368	-.16586	-.12987	-.13195	-.08765	-.22948	-.16400	-.12000
1.360	15.984	1.97916	-.06248	.00453	-.14595	-.10223	-.14639	-.09289	-.20847	-.14754	-.10750
1.360	18.040	2.01337	-.08344	-.01552	-.13829	-.09457	-.15708	-.10700	-.20313	-.13502	-.10729
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.380	7.981	2.00908	-.09503	-.00954	-.18697	-.14657	-.12515	-.10714	-.24558	-.17649	-.13181
1.379	11.967	1.96863	-.06336	.01111	-.15802	-.11399	-.11979	-.08633	-.22199	-.15789	-.12358
1.381	15.941	1.97776	-.06747	-.00231	-.13389	-.09028	-.13492	-.09125	-.21373	-.14063	-.11297
1.381	18.045	1.95208	-.07791	-.03378	-.12239	-.08616	-.15547	-.11117	-.20750	-.13058	-.11604
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.401	7.957	1.99119	-.08276	.00024	-.17850	-.14335	-.12541	-.09684	-.23956	-.17119	-.12518
1.400	11.908	2.07310	-.06401	.01911	-.15385	-.10766	-.11258	-.06777	-.21680	-.14429	-.10692
1.399	15.912	1.94836	-.05554	-.00382	-.13148	-.08708	-.13826	-.08776	-.19793	-.12562	-.10443
1.401	18.020	1.94410	-.07322	-.04007	-.11964	-.08525	-.16498	-.11183	-.19396	-.11350	-.10550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.450	7.958	1.97132	-.06918	.01106	-.15727	-.12393	-.11973	-.07722	-.22333	-.15114	-.12922
1.450	11.985	1.88933	-.06753	-.00329	-.12987	-.10017	-.10109	-.07131	-.18788	-.13033	-.08250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.450	16.008	1.95034	-.06323	-.02247	-.11093	-.07896	-.12431	-.09970	-.18099	-.11571	-.08852
1.449	17.954	1.92255	-.08326	-.05537	-.10543	-.08121	-.16266	-.12977	-.17719	-.10133	-.09249
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.200	-1.724	.10896	-.42286	-.36851	-.26170	-.24845	-.24651	-.22074	-.30695	-.25505	-.22717
.202	.162	.10889	-.40809	-.35228	-.24887	-.24003	-.24874	-.21904	-.28718	-.24231	-.22113
.202	2.150	.10901	-.40211	-.34847	-.24726	-.23630	-.24501	-.22170	-.28342	-.23433	-.21742
.200	4.102	.10890	-.41979	-.36106	-.25838	-.24296	-.28842	-.24969	-.29938	-.24742	-.23673
.199	6.155	.10895	-.41321	-.35842	-.25503	-.24818	-.28962	-.26148	-.30283	-.24617	-.23323
.200	8.172	.10944	-.40959	-.35525	-.26133	-.24807	-.29133	-.26126	-.30873	-.24822	-.23755
.200	10.191	.10956	-.41841	-.36590	-.26928	-.25810	-.30811	-.28004	-.32779	-.26259	-.24970
.200	12.186	.11012	-.42095	-.36861	-.27450	-.26334	-.32182	-.29385	-.34792	-.27429	-.25713
.200	14.194	.11033	-.43612	-.37539	-.29239	-.28556	-.34812	-.32026	-.35908	-.29647	-.27294
.199	16.200	.11056	-.45351	-.40699	-.31170	-.30910	-.37712	-.34879	-.41889	-.32895	-.29847
	GRADIENT	-.00000	.00076	.00132	.00057	.00103	-.00628	-.00462	.00133	.00157	-.00130

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.250	-3.986	.04782	-.39630	-.34837	-.24337	-.23437	-.20647	-.18931	-.26287	-.24099	-.18931
.251	-2.079	.04761	-.39579	-.33958	-.23519	-.23269	-.21568	-.19863	-.25243	-.23928	-.20292
.251	-.007	.04722	-.39277	-.34095	-.23892	-.22786	-.23015	-.21527	-.24969	-.23443	-.20242
.252	1.932	.04728	-.39147	-.33980	-.24021	-.22705	-.23146	-.21877	-.24454	-.22719	-.20382
.253	3.917	.04702	-.38799	-.33067	-.23446	-.22357	-.24478	-.22594	-.24295	-.22371	-.20697
.254	5.951	.04749	-.38714	-.33413	-.23812	-.22935	-.26314	-.24434	-.24660	-.22950	-.20858
.253	7.977	.04765	-.38926	-.33599	-.24374	-.23280	-.26887	-.25421	-.25860	-.23718	-.21616
.252	10.002	.04759	-.39102	-.34792	-.25272	-.24382	-.28874	-.27395	-.27199	-.24610	-.22703
.251	11.976	.04770	-.41213	-.35794	-.26619	-.25934	-.30898	-.29406	-.28779	-.26811	-.24241
.252	13.990	.04751	-.42229	-.36193	-.27930	-.26820	-.33038	-.31343	-.31362	-.28548	-.25353
.253	16.030	.04821	-.42116	-.37395	-.29193	-.28088	-.35326	-.33431	-.34302	-.30866	-.27058
	GRADIENT	-.00010	.00106	.00177	.00064	.00138	-.00467	-.00472	.00240	.00235	-.00182

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.399	-1.885	.08248	-.40376	-.35401	-.23764	-.23145	-.22229	-.19657	-.27752	-.23628	-.20474
.399	.013	.08249	-.40292	-.35108	-.23878	-.23029	-.23399	-.20840	-.27380	-.22927	-.20721
.401	1.980	.08196	-.39710	-.34675	-.23515	-.22787	-.23271	-.21192	-.26879	-.22686	-.20841
.400	3.996	.08186	-.40015	-.34726	-.23866	-.23136	-.25832	-.23046	-.27827	-.23150	-.21763
.401	5.974	.08179	-.40396	-.35113	-.24268	-.23538	-.27045	-.24262	-.28340	-.23553	-.22167
.400	8.006	.08143	-.40416	-.35346	-.25159	-.24541	-.28295	-.25736	-.29480	-.24557	-.23283
.401	10.007	.08146	-.40260	-.35683	-.25559	-.24944	-.29719	-.27060	-.30666	-.25423	-.23694
.400	12.047	.08106	-.42415	-.37111	-.27515	-.26778	-.32048	-.29607	-.32651	-.27261	-.25522
.399	14.037	.08164	-.43462	-.37677	-.28525	-.28019	-.34005	-.31207	-.34844	-.29205	-.26527
.399	16.028	.08161	-.43517	-.38667	-.29756	-.29015	-.36518	-.33605	-.39696	-.31369	-.28109
	GRADIENT	-.00012	.00084	.00125	.00002	.00013	-.00547	-.00537	.00012	.00084	-.00204

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.600	-1.874	-.04319	-.45163	-.39939	-.25878	-.25173	-.23749	-.21380	-.30479	-.25498	-.22203
.600	.028	-.04294	-.45101	-.39719	-.25955	-.25197	-.25374	-.22641	-.30043	-.25213	-.22690
.601	2.030	-.04326	-.44599	-.39285	-.26026	-.25218	-.25703	-.23546	-.30152	-.24976	-.23234
.601	4.126	-.04440	-.44707	-.39284	-.26318	-.25612	-.27904	-.25177	-.30811	-.25370	-.23987
.602	6.079	-.04259	-.44868	-.39255	-.26793	-.26038	-.29505	-.26684	-.31478	-.25643	-.24367
.602	8.055	-.04281	-.45047	-.39592	-.27600	-.26895	-.30618	-.28056	-.32539	-.26809	-.25534
.601	10.054	-.04134	-.45394	-.40230	-.28616	-.27908	-.32519	-.29950	-.34395	-.28286	-.26802
.601	12.077	-.04001	-.46538	-.41069	-.29982	-.29170	-.34653	-.32138	-.36426	-.30114	-.28220
.600	14.076	-.03673	-.47892	-.42150	-.31606	-.31152	-.37372	-.34697	-.38841	-.32358	-.29891
.600	16.039	-.03301	-.48441	-.43211	-.33334	-.32671	-.40240	-.37408	-.43985	-.34808	-.31876
	GRADIENT	-.00020	.00093	.00119	-.00070	-.00068	-.00641	-.00615	-.00058	.00029	-.00295

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.700	-2.035	-.00730	-.49647	-.44470	-.27073	-.26123	-.24484	-.22122	-.31607	-.26430	-.22992
.699	.139	-.01408	-.49181	-.43778	-.26947	-.26125	-.26313	-.23588	-.30924	-.25975	-.23585
.700	2.072	-.00653	-.48917	-.43652	-.27280	-.26377	-.26854	-.24673	-.31040	-.25940	-.24381
.701	4.008	.00230	-.48730	-.43394	-.27631	-.26689	-.28318	-.26265	-.31796	-.26376	-.25191
.701	6.043	-.00304	-.49460	-.43539	-.28374	-.27388	-.31246	-.28285	-.32750	-.26993	-.26013
.701	8.045	-.00475	-.49572	-.43859	-.29398	-.28576	-.32229	-.29762	-.34104	-.28347	-.27202
.701	10.045	.01324	-.49888	-.44431	-.30698	-.29752	-.34263	-.31843	-.35971	-.30017	-.28917
.699	12.024	.00462	-.51023	-.45326	-.32424	-.31472	-.36879	-.34445	-.38558	-.32153	-.30591
.699	14.070	.01986	-.52967	-.46192	-.34452	-.33869	-.39940	-.37383	-.41248	-.34882	-.32701
.698	16.050	.03820	-.52687	-.47185	-.36422	-.35670	-.43122	-.40436	-.46922	-.37806	-.34958
	GRADIENT	.00176	.00151	.00169	-.00098	-.00096	-.00602	-.00673	-.00030	.00012	-.00368

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.800	-3.954	.04038	-.59913	-.53180	-.27377	-.26296	-.22666	-.21254	-.29990	-.27006	-.22087
.800	-1.973	.04221	-.59397	-.52737	-.27397	-.26213	-.23973	-.22561	-.29175	-.26333	-.22735
.800	-.059	.04052	-.59328	-.52272	-.27605	-.26418	-.25877	-.24289	-.28969	-.26260	-.23663
.800	1.946	.03434	-.59078	-.51980	-.28437	-.27178	-.27369	-.25954	-.29315	-.26742	-.24909
.800	3.976	.03163	-.58706	-.52626	-.29572	-.28244	-.29234	-.27788	-.30623	-.27739	-.26362
.799	6.001	.03136	-.60160	-.52856	-.31242	-.29840	-.32886	-.31335	-.32607	-.29545	-.28132
.800	7.989	.03248	-.60623	-.52426	-.33382	-.31946	-.34293	-.32953	-.35164	-.32000	-.30138
.800	9.976	.03421	-.60164	-.51860	-.35624	-.34045	-.36915	-.35611	-.38207	-.34934	-.32725
.800	12.010	.03508	-.59452	-.51602	-.37944	-.36154	-.39789	-.38696	-.41849	-.38434	-.35497
.800	14.004	.03785	-.61374	-.50883	-.40143	-.38766	-.42994	-.42180	-.45023	-.41847	-.38320
.800	15.992	.04120	-.57969	-.50806	-.42143	-.40414	-.47154	-.46549	-.51523	-.46319	-.41710
	GRADIENT	-.00129	.00138	.00093	-.00276	-.00247	-.00836	-.00832	-.00073	-.00096	-.00543

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.850	-4.019	.09121	-.70041	-.65501	-.20382	-.19351	-.18361	-.17369	-.25561	-.23433	-.18597
.849	-2.012	.03418	-.69809	-.63871	-.20906	-.19873	-.20403	-.19312	-.24928	-.22409	-.19312
.850	-.045	.09397	-.68034	-.61511	-.22422	-.21191	-.23148	-.21798	-.24535	-.21366	-.20275
.850	1.982	.03182	-.65887	-.58908	-.24972	-.23251	-.25891	-.24704	-.25043	-.21968	-.22304
.850	3.930	.03660	-.63581	-.56783	-.28398	-.26611	-.29312	-.28193	-.26042	-.22974	-.24085
.850	5.964	.09852	-.61403	-.54602	-.32407	-.30711	-.34128	-.33464	-.28819	-.25519	-.26697
.850	7.991	.10075	-.60028	-.52771	-.35547	-.34169	-.39080	-.39034	-.32929	-.29234	-.29540
.850	9.991	.10357	-.58292	-.51561	-.42510	-.41544	-.47005	-.47545	-.36009	-.31602	-.32005
.850	12.013	.04696	-.57372	-.51102	-.48919	-.48495	-.49008	-.49936	-.40422	-.35079	-.35192
.849	14.018	.05126	-.58916	-.49528	-.52068	-.53096	-.49629	-.50916	-.48385	-.42602	-.42978
.850	16.010	.05727	-.55717	-.48717	-.52946	-.53488	-.50666	-.52182	-.56139	-.49790	-.47705
	GRADIENT	-.00564	.00846	.01126	-.01010	-.00899	-.01376	-.01359	-.00054	.00069	-.00702

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.899	-1.933	.13339	-.62764	-.59516	-.66178	-.66155	-.46260	-.49581	-.62001	-.59635	-.38110
.900	-.054	.09408	-.61698	-.58058	-.63156	-.63858	-.45814	-.49650	-.64579	-.61126	-.41513
.900	1.933	.12022	-.60705	-.56131	-.59782	-.61062	-.45318	-.48826	-.62021	-.58747	-.41345
.900	3.933	.07374	-.59057	-.54223	-.56900	-.58391	-.45081	-.48041	-.60248	-.56801	-.41085
.900	5.933	.08423	-.57575	-.51843	-.54546	-.55769	-.44985	-.49479	-.59337	-.55530	-.41260
.899	7.938	.11119	-.56576	-.49935	-.52969	-.54075	-.43456	-.46901	-.59093	-.55221	-.41593
.900	9.976	.08633	-.54500	-.47688	-.51738	-.52935	-.43138	-.46459	-.59482	-.55312	-.42090
.900	11.997	.06858	-.52321	-.46445	-.50702	-.51990	-.43067	-.46718	-.60521	-.55960	-.42741
.900	14.015	.12082	-.51981	-.44065	-.49881	-.51019	-.44203	-.47492	-.61022	-.56643	-.43606
.900	15.994	.10687	-.49145	-.43176	-.49300	-.50441	-.45632	-.49048	-.62509	-.57398	-.44462
.900	18.001	.11208	-.49385	-.42367	-.48787	-.50138	-.47289	-.50763	-.64247	-.59529	-.45036
	GRADIENT	-.00778	.00619	.00910	.01593	.01332	.00205	.00279	.00407	.00562	-.00440

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.950	-3.991	.02209	-.57448	-.54781	-.64146	-.65240	-.47813	-.48789	-.66530	-.63545	-.44110
.950	-2.011	.06000	-.56017	-.52457	-.61616	-.62772	-.47737	-.48539	-.65445	-.62000	-.43542
.950	.026	.02621	-.54610	-.50997	-.59741	-.60207	-.47347	-.48408	-.64144	-.59895	-.42088
.951	1.927	.02801	-.53546	-.49070	-.57349	-.58192	-.46196	-.47516	-.61636	-.57822	-.40676
.950	3.960	.03426	-.52372	-.47292	-.54471	-.55549	-.44126	-.45532	-.58642	-.55350	-.39557
.950	5.989	.03247	-.51068	-.45010	-.51808	-.53092	-.44727	-.46335	-.56556	-.53440	-.38773
.950	7.985	.08217	-.49678	-.42924	-.50100	-.51503	-.42089	-.43727	-.55402	-.52139	-.38526
.949	9.968	.08615	-.47825	-.40550	-.48418	-.49853	-.41387	-.42938	-.54879	-.51211	-.38776
.950	12.032	.07405	-.45776	-.39084	-.46772	-.48236	-.41334	-.42740	-.54934	-.50834	-.38436
.950	14.000	.01458	-.44928	-.36735	-.45519	-.47101	-.41986	-.43278	-.54725	-.50768	-.38596
.950	15.959	.03634	-.42147	-.35805	-.44210	-.45736	-.42874	-.44079	-.55553	-.51077	-.38791
.950	18.010	.01165	-.42034	-.34803	-.43175	-.44737	-.44009	-.44957	-.56673	-.52587	-.39189
	GRADIENT	-.00039	.00636	.00925	.01190	.01208	.00449	.00380	.00987	.01037	.00603

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.978	-1.951	.03949	-.51498	-.49438	-.54024	-.55576	-.41107	-.43829	-.59375	-.56195	-.38510
.979	.004	.02178	-.49574	-.46622	-.52493	-.53432	-.41582	-.44251	-.58686	-.54778	-.37417
.980	1.929	.04838	-.48334	-.44887	-.51050	-.51711	-.40524	-.43691	-.56841	-.52942	-.36087
.980	3.952	.02860	-.47104	-.43024	-.49787	-.50643	-.38917	-.41994	-.54285	-.50812	-.35408
.980	5.970	.02823	-.45826	-.40993	-.47757	-.48894	-.38219	-.42359	-.51643	-.48281	-.35015
.979	7.957	.02060	-.44480	-.38915	-.45937	-.47218	-.36441	-.39916	-.49885	-.46463	-.35075
.977	9.994	.00535	-.42944	-.36813	-.44404	-.45801	-.36038	-.39463	-.49200	-.45632	-.35090
.980	12.005	.06057	-.40791	-.35120	-.42609	-.43866	-.35574	-.38769	-.49101	-.45038	-.34544
.977	13.977	-.01122	-.40121	-.33056	-.41044	-.42918	-.35686	-.39189	-.49690	-.45710	-.34544
.978	16.022	.03146	-.37577	-.31935	-.39786	-.41216	-.36411	-.39776	-.50536	-.46077	-.34317
.978	18.021	-.00828	-.37236	-.30947	-.38349	-.40249	-.36882	-.40403	-.51180	-.47265	-.34211
	GRADIENT	-.00034	.00734	.01068	.00720	.00840	.00390	.00311	.00873	.00917	.00541

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.050	-4.011	-.04137	-.43429	-.41157	-.51229	-.51779	-.39646	-.40908	-.55269	-.52016	-.38125
1.050	-2.006	-.03995	-.42066	-.39264	-.49272	-.50269	-.38727	-.39723	-.54438	-.51245	-.35815
1.050	-.055	-.05610	-.40589	-.37404	-.47468	-.48408	-.37220	-.38392	-.52900	-.49856	-.33744
1.050	1.946	-.05909	-.39188	-.35649	-.45358	-.46597	-.35847	-.36900	-.51059	-.47867	-.32013
1.050	3.967	-.03072	-.37431	-.33333	-.42917	-.44159	-.33706	-.34936	-.48290	-.45398	-.30850
1.050	5.950	-.02846	-.36103	-.31157	-.41166	-.42231	-.33772	-.35148	-.46856	-.43792	-.29856
1.050	8.010	-.04364	-.34915	-.29253	-.39273	-.40371	-.31604	-.33070	-.44971	-.41905	-.29043
1.050	9.991	-.02923	-.33252	-.27121	-.37371	-.38708	-.30948	-.32324	-.43363	-.40447	-.29038
1.050	11.987	-.05063	-.31484	-.25649	-.35454	-.37002	-.30778	-.31947	-.42633	-.39480	-.28364
1.050	14.029	-.04983	-.30310	-.23186	-.33741	-.35347	-.30698	-.31777	-.42151	-.38797	-.27785
1.049	15.995	-.05507	-.28031	-.22085	-.32144	-.33636	-.31082	-.32014	-.42279	-.38448	-.27338
1.050	17.990	-.04488	-.27580	-.20994	-.30711	-.32203	-.31543	-.32178	-.42548	-.39165	-.26976
	GRADIENT	.00013	.00747	.00968	.01032	.00950	.00742	.00742	.00871	.00835	.00921

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.101	-1.969	.03297	-.33879	-.31399	-.41144	-.41406	-.32170	-.31748	-.48335	-.42918	-.29513
1.099	.055	-.02458	-.32413	-.29467	-.39334	-.39714	-.30554	-.30274	-.46869	-.41546	-.27311
1.099	2.012	-.02394	-.31086	-.27889	-.37476	-.38115	-.29344	-.28978	-.45226	-.39944	-.25906
1.101	4.037	.03866	-.29098	-.25511	-.34900	-.35426	-.26673	-.26679	-.42546	-.37192	-.24130
1.098	6.006	-.02105	-.28181	-.23869	-.33511	-.34041	-.27499	-.27219	-.41668	-.36213	-.23743
1.101	8.047	.03941	-.26765	-.21690	-.31371	-.32013	-.25034	-.25068	-.39867	-.34282	-.22388
1.098	10.017	-.03499	-.25629	-.20026	-.30091	-.30984	-.24787	-.24906	-.39038	-.33520	-.22894
1.102	12.052	.02985	-.23545	-.18345	-.28001	-.29037	-.24003	-.23895	-.38042	-.32134	-.21603
1.099	14.010	-.01494	-.22928	-.16365	-.26965	-.27947	-.24405	-.24043	-.38096	-.32123	-.21804
1.100	16.025	.03519	-.20476	-.15164	-.25413	-.26509	-.24807	-.24191	-.38289	-.31699	-.21162
1.100	18.045	.03500	-.20369	-.14386	-.24030	-.25240	-.25290	-.24448	-.38109	-.32260	-.20801
	GRADIENT	.00089	.00785	.00964	.01031	.00978	.00887	.00826	.00952	.00940	.00879

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-3.934	.03267	-.31140	-.28396	-.38824	-.38769	-.29804	-.30070	-.42940	-.39797	-.27976
1.150	-1.988	.03226	-.29853	-.26676	-.37258	-.37761	-.28856	-.29342	-.42138	-.39257	-.25920
1.148	.000	.03353	-.28531	-.25067	-.35568	-.36446	-.26706	-.27845	-.40786	-.38408	-.23567
1.150	1.998	.03197	-.26892	-.22920	-.33912	-.34675	-.25637	-.26208	-.39237	-.36764	-.21677
1.150	4.013	.05268	-.25083	-.20993	-.32068	-.32941	-.23333	-.24235	-.37841	-.35103	-.21424
1.150	6.026	.03196	-.23589	-.19128	-.30046	-.31041	-.23367	-.24193	-.35589	-.33137	-.19643
1.149	8.010	.03001	-.22373	-.17169	-.28083	-.29078	-.21535	-.22694	-.34088	-.31196	-.18828
1.149	10.080	.02214	-.20803	-.14944	-.26272	-.27463	-.20581	-.21820	-.32122	-.29742	-.18160
1.150	12.022	.02363	-.19326	-.13492	-.24442	-.25880	-.19857	-.21092	-.31495	-.28373	-.17918
1.146	14.094	.04003	-.18323	-.11582	-.22099	-.24196	-.18690	-.20718	-.28949	-.27377	-.15335
1.147	16.036	.03201	-.16282	-.10008	-.20884	-.22473	-.19721	-.20709	-.28469	-.27014	-.14726
1.149	18.044	.03111	-.15177	-.08699	-.19404	-.20768	-.19805	-.20540	-.29730	-.26605	-.16051
	GRADIENT	.00201	.00759	.00934	.00848	.00742	.00813	.00745	.00659	.00598	.00872

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.199	-1.874	.06219	-.25333	-.22738	-.33280	-.33237	-.26265	-.25672	-.40641	-.35298	-.24988
1.200	.013	.05093	-.23831	-.20922	-.31533	-.32061	-.24516	-.24141	-.39412	-.34468	-.23134
1.199	2.024	.06468	-.22248	-.19010	-.29882	-.30604	-.22852	-.22504	-.38211	-.33096	-.21359
1.198	4.065	.06276	-.20490	-.17117	-.28316	-.29067	-.20875	-.20663	-.36458	-.31560	-.19735
1.200	5.985	.05268	-.19035	-.15314	-.26501	-.27281	-.21024	-.20132	-.34800	-.29689	-.18335
1.198	8.062	.06082	-.17705	-.13427	-.24719	-.25336	-.19147	-.18691	-.33350	-.27846	-.17197
1.198	10.072	.06415	-.16347	-.11279	-.22717	-.23365	-.17954	-.17687	-.31712	-.26066	-.16489
1.198	12.020	.07192	-.14958	-.09830	-.20899	-.21578	-.17028	-.16842	-.30397	-.24717	-.15399
1.201	13.911	.05199	-.14175	-.07865	-.19128	-.19971	-.16052	-.16219	-.29316	-.23565	-.14398
1.199	16.059	.06624	-.11980	-.06147	-.17243	-.18171	-.16255	-.16014	-.28897	-.23106	-.13862
1.200	18.069	.06521	-.11596	-.06291	-.15326	-.16336	-.16377	-.15811	-.27362	-.21395	-.13121
	GRADIENT	.00081	.00813	.00947	.00834	.00705	.00899	.00841	.00694	.00636	.00884

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.301	-2.099	.02084	-.18954	-.17436	-.28462	-.27967	-.23518	-.22089	-.34547	-.29417	-.23004
1.299	-.054	.02245	-.17473	-.15901	-.26600	-.26050	-.21431	-.19860	-.33282	-.28357	-.21520
1.300	1.992	.01930	-.15622	-.13854	-.25397	-.24306	-.19661	-.17748	-.31556	-.27238	-.19521
1.301	3.918	.02128	-.13921	-.11758	-.23914	-.22883	-.17984	-.15615	-.30153	-.25926	-.17186
1.299	6.013	.02304	-.12275	-.09569	-.22450	-.21505	-.17831	-.14801	-.29240	-.24351	-.14971
1.300	7.959	.02137	-.10683	-.07698	-.20526	-.19728	-.16516	-.13204	-.27505	-.22654	-.13431
1.301	9.958	.02969	-.09232	-.06134	-.18936	-.17825	-.15610	-.12411	-.25861	-.21180	-.12867
1.299	12.010	.03138	-.08471	-.05799	-.17011	-.16016	-.14627	-.11510	-.24546	-.19918	-.11623
1.299	14.013	.03011	-.08273	-.05278	-.15605	-.14464	-.14764	-.11063	-.23938	-.18865	-.10287
1.300	15.979	.02479	-.06904	-.06262	-.14274	-.13310	-.14725	-.11749	-.23189	-.18129	-.09141
1.298	18.014	.02671	-.07469	-.07141	-.13375	-.12413	-.15630	-.13315	-.22543	-.16342	-.09219
	GRADIENT	-.00009	.00843	.00949	.00739	.00846	.00914	.01071	.00742	.00576	.00967

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.401	-1.978	-.03899	-.12434	-.11154	-.22291	-.22291	-.18292	-.17005	-.27922	-.25230	-.18782
1.401	.046	-.04466	-.10512	-.09403	-.20763	-.21310	-.16468	-.15781	-.26463	-.24400	-.16815
1.399	1.976	-.04320	-.08780	-.07334	-.19861	-.19863	-.15120	-.14464	-.25658	-.23458	-.14835
1.398	3.877	-.04274	-.07004	-.05038	-.18207	-.18643	-.13796	-.13051	-.24601	-.22049	-.13712
1.400	5.875	-.04540	-.05454	-.03469	-.16642	-.17020	-.13481	-.11936	-.23068	-.20355	-.12192
1.399	7.959	-.04244	-.04443	-.01792	-.15009	-.15563	-.11463	-.10775	-.21860	-.18477	-.10688
1.401	9.928	-.04313	-.03301	-.00936	-.13446	-.14147	-.10847	-.09496	-.20824	-.17352	-.09437
1.399	11.970	-.03625	-.02450	-.00839	-.12131	-.13003	-.09742	-.08654	-.19686	-.16541	-.08107
1.400	13.987	-.03894	-.03598	-.01126	-.10694	-.11682	-.09712	-.09083	-.19425	-.15621	-.08164
1.401	15.964	-.04001	-.03095	-.02657	-.09689	-.10825	-.12906	-.10320	-.18671	-.14945	-.08333
1.398	17.979	-.03897	-.05465	-.05197	-.09234	-.10598	-.14771	-.12362	-.17481	-.13390	-.08225
	GRADIENT	-.00051	.00925	.01046	.00675	.00635	.00762	.00675	.00553	.00537	.00883

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.550	-3.908	-.12939	-.08446	-.07012	-.19121	-.17608	-.13634	-.13134	-.25205	-.21667	-.16457
1.550	-1.938	-.13664	-.06539	-.04534	-.17814	-.16552	-.12978	-.12223	-.23025	-.20051	-.15841
1.549	.101	-.13415	-.05207	-.03108	-.16449	-.15633	-.11899	-.11049	-.21628	-.18655	-.15047
1.549	2.006	-.13436	-.04817	-.01520	-.16013	-.15483	-.11185	-.10525	-.21311	-.18184	-.12965
1.551	4.041	-.13181	-.02728	-.00129	-.15127	-.13997	-.09508	-.08815	-.19855	-.16350	-.11129
1.550	6.042	-.13033	-.01400	-.00035	-.13556	-.12681	-.08947	-.08317	-.18829	-.15225	-.09745
1.550	8.071	-.12786	-.01246	.00089	-.11736	-.11274	-.08868	-.07824	-.17684	-.14838	-.08682
1.550	10.068	-.12125	-.01715	.00124	-.10503	-.10297	-.09067	-.07487	-.16500	-.13979	-.08058
1.550	12.078	-.11810	-.03233	-.01014	-.09575	-.09276	-.09788	-.08780	-.15664	-.13335	-.07386
1.549	14.111	-.12056	-.05143	-.02284	-.08291	-.08342	-.11202	-.09589	-.15437	-.12375	-.06892
1.550	16.076	-.12176	-.06378	-.05418	-.08384	-.08561	-.13228	-.12409	-.14734	-.11737	-.07080
	GRADIENT	-.00013	.00664	.00845	.00494	.00419	.00507	.00521	.00626	.00631	.00681

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.199	-1.834	1.95535	-.43594	-.34854	-.26676	-.23819	-.25577	-.20804	-.31460	-.24485	-.22974
.201	.185	2.04675	-.41841	-.32809	-.25184	-.22371	-.25171	-.20472	-.29038	-.22386	-.21753
.201	2.159	2.06043	-.42445	-.33596	-.25943	-.23335	-.26574	-.22287	-.28952	-.23349	-.22928
.200	4.155	2.01016	-.41704	-.32195	-.24742	-.22345	-.29030	-.21940	-.28402	-.23004	-.22798
.200	6.093	1.97849	-.42928	-.33602	-.26127	-.23720	-.29565	-.25257	-.29151	-.24598	-.23528
.200	7.827	1.79194	-.42717	-.33796	-.26948	-.24534	-.30612	-.26292	-.30198	-.25630	-.24991
.200	9.847	1.70553	-.42767	-.34263	-.27404	-.25202	-.32158	-.26530	-.31961	-.26517	-.25877
.200	11.799	1.82293	-.43797	-.35079	-.28226	-.26456	-.34060	-.28003	-.34081	-.28422	-.26699
.200	13.699	1.80752	-.45877	-.36505	-.30085	-.29396	-.36571	-.30728	-.37243	-.30280	-.28341
.199	15.718	1.83309	-.45608	-.37721	-.30627	-.29500	-.38442	-.32360	-.39553	-.32344	-.29311
	GRADIENT	.00897	.00255	.00362	.00254	.00174	-.00589	-.00261	.00465	.00176	-.00032

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.252	-2.013	1.92393	-.40909	-.32025	-.24206	-.21399	-.22266	-.18864	-.27200	-.22692	-.20144
.252	.002	2.04735	-.40809	-.31813	-.24419	-.21186	-.23545	-.19931	-.24639	-.21626	-.20144
.252	1.995	2.07041	-.40249	-.31280	-.24120	-.21322	-.24312	-.20496	-.24552	-.21974	-.20922
.252	3.987	2.07997	-.40640	-.30783	-.24021	-.21211	-.27414	-.21023	-.24027	-.22079	-.21023
.251	6.020	2.10500	-.40403	-.31317	-.24710	-.21875	-.27488	-.23839	-.25147	-.22750	-.21469
.250	7.934	2.00625	-.40834	-.31747	-.24710	-.22520	-.28564	-.24054	-.25578	-.23611	-.22546
.250	9.843	1.69448	-.41017	-.32757	-.26126	-.24142	-.30644	-.25683	-.26782	-.25887	-.23953
.251	11.909	1.88358	-.42079	-.33215	-.26833	-.25073	-.32188	-.27469	-.28563	-.27025	-.24886
.251	13.898	1.92431	-.43820	-.33920	-.28424	-.27096	-.34398	-.29056	-.29932	-.29256	-.26269
.252	15.921	1.93182	-.43579	-.35644	-.29753	-.28643	-.37189	-.31661	-.33174	-.31432	-.27822
	GRADIENT	.02461	.00053	.00213	.00043	.00021	-.00811	-.00352	.00481	.00075	-.00171

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.400	-1.936	2.04605	-.42294	-.33534	-.24899	-.21963	-.23260	-.18620	-.28968	-.22442	-.20708
.401	.022	2.05671	-.41881	-.33137	-.24517	-.21819	-.24273	-.19526	-.27651	-.22412	-.21378
.401	2.016	2.04142	-.42174	-.33317	-.24816	-.22234	-.25151	-.20406	-.27833	-.22248	-.21562
.401	4.002	2.04293	-.41899	-.32936	-.24675	-.22443	-.28714	-.21658	-.27573	-.22689	-.22003
.402	5.965	2.05162	-.42132	-.33063	-.24927	-.23160	-.28268	-.23302	-.27823	-.23405	-.22489
.400	7.900	1.94379	-.42412	-.33525	-.25927	-.24034	-.29983	-.24525	-.29304	-.24512	-.23592
.399	9.957	1.83495	-.42791	-.34446	-.27048	-.25260	-.31823	-.26106	-.30440	-.26210	-.24818
.399	11.830	1.83907	-.43062	-.34712	-.27196	-.25540	-.32790	-.26721	-.31892	-.27175	-.25433
.398	13.838	1.85170	-.45263	-.35445	-.28837	-.27389	-.35275	-.29165	-.33766	-.29621	-.27161
.398	15.862	1.87664	-.44291	-.36461	-.29710	-.28334	-.37941	-.31352	-.36419	-.32043	-.28992
	GRADIENT	-.00124	.00015	.00081	.00019	-.00034	-.00371	-.00505	.00061	-.00029	-.00205

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.600	-1.926	1.95809	-.46837	-.37587	-.26666	-.24050	-.24742	-.20047	-.31269	-.24374	-.22524
.600	.080	1.95860	-.46699	-.37343	-.26625	-.24059	-.26302	-.21296	-.30247	-.24333	-.23050
.601	2.085	1.96682	-.46455	-.37013	-.26624	-.24269	-.26972	-.22233	-.29981	-.24336	-.23571
.601	4.085	1.97066	-.46242	-.36821	-.26764	-.24466	-.30456	-.23412	-.29908	-.24841	-.24181
.601	7.998	1.95717	-.47004	-.37163	-.28180	-.26084	-.32183	-.26216	-.31790	-.26975	-.26161
.601	10.061	1.89968	-.47188	-.37846	-.29211	-.27316	-.34200	-.28017	-.33188	-.28777	-.27807
.601	11.884	1.93373	-.48392	-.38736	-.30461	-.28822	-.36535	-.30144	-.36092	-.30593	-.29108
.601	13.886	1.98200	-.50187	-.39706	-.32209	-.30619	-.39364	-.32562	-.37788	-.33217	-.31062
.600	15.897	2.01520	-.49969	-.40812	-.33769	-.32278	-.42332	-.35105	-.42771	-.35708	-.32929
.598	17.853	2.00446	-.52461	-.42435	-.35938	-.34698	-.45935	-.38161	-.42743	-.39440	-.35302
	GRADIENT	.00229	.00101	.00131	-.00015	-.00073	-.00889	-.00551	.00217	-.00070	-.00274

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.698	-1.959	2.00075	-.51015	-.41420	-.27580	-.24850	-.25286	-.20608	-.31813	-.25197	-.23341
.700	.082	1.98223	-.50875	-.41046	-.27491	-.24983	-.27024	-.22043	-.30917	-.25122	-.23977
.700	2.041	2.00788	-.50670	-.40785	-.27704	-.25274	-.27773	-.23114	-.30763	-.25372	-.24804
.701	4.095	1.99505	-.50631	-.40694	-.28188	-.25930	-.31507	-.24518	-.30867	-.26028	-.25626
.701	6.090	2.02958	-.51528	-.40754	-.28890	-.26669	-.32214	-.27317	-.31904	-.27180	-.26654
.702	7.969	1.97410	-.51738	-.40823	-.29850	-.27756	-.33741	-.27786	-.33103	-.28513	-.28071
.702	10.040	1.87970	-.52283	-.41586	-.31409	-.29357	-.36239	-.29964	-.35028	-.30606	-.29837
.700	11.880	1.90655	-.53170	-.42495	-.32881	-.31022	-.38936	-.32212	-.38298	-.32816	-.31506
.700	13.862	1.93882	-.55259	-.43107	-.34950	-.33131	-.42070	-.34900	-.40526	-.35708	-.33782
.700	15.860	1.95279	-.54892	-.44313	-.37029	-.35250	-.45546	-.37886	-.46645	-.38858	-.36233
.700	17.910	1.97817	-.57444	-.45562	-.39795	-.37927	-.49815	-.41315	-.46455	-.42782	-.38872
	GRADIENT	.00039	.00067	.00121	-.00101	-.00176	-.00967	-.00636	.00149	-.00136	-.00382

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.800	-3.939	2.03094	-.60426	-.50642	-.27964	-.25113	-.23150	-.20036	-.30403	-.25545	-.22536
.800	-2.045	2.07342	-.60164	-.49859	-.27969	-.25213	-.24706	-.21197	-.29755	-.25263	-.23184
.800	.000	2.05554	-.60466	-.49421	-.28174	-.25563	-.26830	-.22983	-.29155	-.25474	-.24165
.799	1.978	2.05768	-.59860	-.48916	-.28740	-.26231	-.28020	-.24451	-.29234	-.26178	-.25425
.800	3.989	2.08144	-.61204	-.48484	-.29866	-.27424	-.31684	-.26271	-.29978	-.27545	-.26863
.800	6.006	2.10920	-.63549	-.48345	-.31490	-.29119	-.33517	-.30436	-.31671	-.29588	-.28699
.800	7.947	2.06394	-.64206	-.47641	-.33663	-.31253	-.36067	-.30870	-.34262	-.32314	-.31078
.800	10.017	1.85387	-.63427	-.47464	-.36172	-.33691	-.38989	-.33623	-.37466	-.35656	-.33936
.800	11.941	1.88748	-.62678	-.47215	-.38361	-.35706	-.41764	-.36126	-.41149	-.39024	-.36716
.800	13.904	1.91571	-.64817	-.46747	-.41224	-.38217	-.45250	-.39195	-.44291	-.42578	-.39855
.800	15.895	1.91011	-.61083	-.46765	-.42980	-.40007	-.49572	-.42965	-.49901	-.46623	-.43208
.798	17.981	1.94270	-.63153	-.47122	-.45726	-.43641	-.55663	-.48083	-.53103	-.51338	-.46652
.798	18.963	1.95260	-.63278	-.47249	-.47041	-.45584	-.59562	-.50644	-.56176	-.53300	-.48173
	GRADIENT	.00425	-.00064	.00264	-.00231	-.00284	-.01026	-.00792	.00068	-.00248	-.00549

RUN NO. 233/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.849	-3.974	2.05947	-.72863	-.60642	-.22129	-.18712	-.19277	-.17039	-.27219	-.22175	-.19678
.850	-2.002	2.09662	-.71926	-.60159	-.21474	-.19634	-.20680	-.18881	-.25973	-.21036	-.19915
.851	-.034	2.11406	-.70775	-.57819	-.22148	-.21727	-.23035	-.21686	-.25524	-.20446	-.20747
.851	1.965	2.12168	-.69798	-.55144	-.24006	-.25196	-.25599	-.24740	-.25336	-.21146	-.22351
.850	3.993	2.08435	-.68723	-.52662	-.26593	-.29532	-.29744	-.28171	-.26373	-.23074	-.24316
.850	5.964	2.14451	-.67364	-.50220	-.30938	-.34257	-.36444	-.33937	-.27966	-.25251	-.26266
.849	7.944	2.06393	-.66326	-.48189	-.35360	-.35504	-.46799	-.34699	-.31963	-.28916	-.29027
.849	10.033	1.84843	-.63762	-.46697	-.42132	-.37735	-.51135	-.39460	-.35560	-.33578	-.31747
.850	11.921	1.83561	-.62208	-.46124	-.49887	-.43281	-.52599	-.43651	-.37681	-.38936	-.35326
.850	13.923	1.91607	-.62977	-.44863	-.54469	-.48205	-.53809	-.45628	-.43772	-.45412	-.44720
.850	15.908	1.90609	-.59508	-.44797	-.56059	-.49079	-.55105	-.47152	-.52924	-.50729	-.50460
.849	17.942	1.92925	-.60189	-.44587	-.57586	-.50676	-.59127	-.49239	-.58929	-.57831	-.54456
	GRADIENT	.00372	.00523	.01055	-.00578	-.01369	-.01301	-.01414	.00116	-.00098	-.00590

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.900	-3.941	2.05678	-.68996	-.56221	-.73206	-.65371	-.53739	-.46906	-.40955	-.57243	-.22734
.900	-2.084	2.07112	-.68045	-.53945	-.71489	-.63481	-.53107	-.46128	-.44052	-.58008	-.35804
.900	-.046	2.11651	-.67164	-.51501	-.68475	-.60586	-.53431	-.45348	-.64771	-.56112	-.45470
.900	1.976	2.08994	-.65883	-.49925	-.65151	-.57301	-.52796	-.44991	-.66477	-.53649	-.45935
.900	3.982	2.10629	-.64271	-.48056	-.62591	-.54219	-.52543	-.44303	-.64528	-.51873	-.45981
.899	5.913	2.16409	-.62863	-.46324	-.60718	-.51588	-.53024	-.45798	-.64191	-.50975	-.46502
.900	7.882	2.02661	-.61168	-.44582	-.58813	-.49892	-.51690	-.43689	-.63773	-.50958	-.46863
.900	10.011	1.84314	-.58586	-.43151	-.57056	-.49275	-.50735	-.42897	-.63502	-.51618	-.46980
.900	11.896	1.82934	-.56803	-.42309	-.56215	-.48586	-.51235	-.42419	-.64401	-.52118	-.47692
.900	13.993	1.90688	-.55994	-.40267	-.55467	-.48302	-.52530	-.42231	-.64743	-.52865	-.48626
.900	15.923	1.87786	-.53138	-.39594	-.54498	-.46994	-.53845	-.42991	-.65945	-.53327	-.49573
.900	17.912	1.87469	-.52852	-.38886	-.53846	-.46710	-.55356	-.45601	-.67058	-.56178	-.50354
	GRADIENT	.00589	.00584	.01021	.01387	.01433	.00135	.00318	-.03494	.00763	-.02826

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.950	-4.053	2.03607	-.61803	-.48960	-.67808	-.60880	-.51942	-.44751	-.69556	-.59502	-.47926
.949	-1.984	2.10660	-.60388	-.47686	-.65887	-.57498	-.52034	-.43751	-.68943	-.57300	-.47398
.949	-.008	2.07007	-.58994	-.46456	-.63829	-.55957	-.51820	-.43472	-.67554	-.55236	-.46108
.951	2.023	2.04860	-.57633	-.44626	-.61410	-.53195	-.50053	-.42034	-.65581	-.53082	-.44825
.950	3.944	2.10564	-.56316	-.42934	-.58677	-.50754	-.48648	-.41254	-.62763	-.50725	-.43938
.950	6.031	2.08938	-.54737	-.40657	-.56261	-.48423	-.48537	-.40445	-.60869	-.48566	-.43564
.950	7.948	1.99201	-.53233	-.38848	-.54358	-.46625	-.46883	-.38806	-.59638	-.47288	-.43434
.951	9.957	1.96853	-.50744	-.36491	-.52380	-.45006	-.46043	-.37600	-.58607	-.46447	-.43233
.950	11.951	1.82302	-.49010	-.35618	-.50729	-.44060	-.45874	-.37762	-.58417	-.46623	-.42867
.949	13.889	1.89959	-.48070	-.33532	-.49708	-.43132	-.46629	-.37909	-.58379	-.46687	-.43293
.950	15.961	1.95515	-.45460	-.32611	-.48251	-.41538	-.47518	-.38863	-.58826	-.46535	-.43462
.950	17.916	1.94772	-.44740	-.31836	-.47062	-.40712	-.48841	-.40207	-.59430	-.48985	-.43612
	GRADIENT	.00406	.00686	.00755	.01136	.01228	.00427	.00395	.00845	.01088	.00527

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.976	-2.013	1.94347	-.55734	-.45137	-.57233	-.51324	-.41031	-.39328	-.61202	-.52000	-.41907
.979	.038	2.03645	-.53176	-.42563	-.55418	-.50914	-.44173	-.40275	-.60926	-.51362	-.41108
.979	1.975	2.07030	-.52282	-.41387	-.54297	-.49357	-.44133	-.39881	-.60657	-.49247	-.40294
.979	3.999	2.05086	-.50756	-.39532	-.53193	-.47463	-.43119	-.37932	-.58310	-.47128	-.39439
.981	6.014	2.10355	-.49170	-.37388	-.51462	-.45134	-.42051	-.37324	-.55704	-.45466	-.39158
.980	7.954	2.02127	-.47909	-.35513	-.49898	-.43779	-.40910	-.35947	-.53872	-.44503	-.39630
.980	9.914	1.92413	-.45858	-.33307	-.48016	-.42086	-.40219	-.34885	-.52668	-.43033	-.39580
.982	12.005	1.93101	-.43603	-.31619	-.46095	-.39974	-.39643	-.34116	-.52589	-.42485	-.38809
.980	13.912	1.93635	-.42754	-.29757	-.44888	-.38947	-.40045	-.34277	-.53310	-.42839	-.39068
.980	15.939	1.94520	-.40640	-.29077	-.43641	-.37507	-.40622	-.34912	-.54164	-.42882	-.39113
.979	17.970	1.96969	-.39805	-.28124	-.42352	-.36454	-.41129	-.35821	-.54423	-.44588	-.39315
	GRADIENT	.01787	.00794	.00902	.00664	.00657	-.00314	.00219	.00448	.00836	.00411

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.049	-4.003	1.89573	-.47573	-.36908	-.55047	-.48201	-.43319	-.37658	-.58138	-.48436	-.41268
1.050	-1.958	1.95303	-.46079	-.35282	-.52940	-.46383	-.41937	-.36297	-.57400	-.47388	-.38964
1.050	-.003	2.00471	-.44300	-.33535	-.51099	-.44723	-.40632	-.34695	-.56181	-.45875	-.37213
1.050	2.027	2.00477	-.42623	-.32138	-.48852	-.42958	-.38989	-.33294	-.54313	-.44137	-.35869
1.050	4.028	2.01448	-.40664	-.30094	-.46534	-.40467	-.37325	-.31216	-.51934	-.41615	-.34620
1.050	6.044	2.08477	-.39202	-.28090	-.44752	-.38325	-.37637	-.30040	-.50158	-.39681	-.34099
1.050	8.002	2.01184	-.38050	-.26098	-.42851	-.36702	-.35807	-.29077	-.48664	-.37966	-.33368
1.050	10.020	2.03389	-.36262	-.23814	-.40882	-.34915	-.34965	-.27587	-.47107	-.36325	-.33148
1.050	11.946	1.93586	-.34448	-.22696	-.38866	-.33397	-.34364	-.27627	-.46017	-.35785	-.32277
1.049	13.924	1.96242	-.33219	-.20595	-.37433	-.31900	-.34497	-.27575	-.45512	-.35328	-.31934
1.050	15.950	1.99986	-.31133	-.19522	-.35641	-.30141	-.34871	-.27713	-.45230	-.34722	-.31478
1.051	17.949	2.00207	-.29809	-.18583	-.34127	-.28731	-.35133	-.28141	-.44608	-.35990	-.31010
	GRADIENT	.01442	.00862	.00837	.01053	.00943	.00745	.00792	.00773	.00843	.00818

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.098	-1.979	1.93984	-.37736	-.27779	-.42637	-.37685	-.34827	-.28743	-.49473	-.39038	-.31402
1.101	.040	2.03548	-.35657	-.25828	-.40749	-.35862	-.33515	-.26673	-.48540	-.37184	-.29076
1.101	2.035	2.06642	-.34029	-.24192	-.39297	-.34151	-.31998	-.25092	-.47096	-.35247	-.27809
1.099	4.029	2.01599	-.32375	-.22743	-.38188	-.32271	-.30802	-.23552	-.45310	-.33532	-.27784
1.099	6.084	2.04144	-.30869	-.20777	-.36760	-.30227	-.31131	-.22606	-.43258	-.32031	-.27507
1.097	7.996	1.99455	-.29942	-.19065	-.35433	-.29019	-.29694	-.21627	-.42154	-.30763	-.27177
1.098	10.037	2.03451	-.28370	-.16982	-.33494	-.27306	-.28689	-.20476	-.41096	-.29277	-.26878
1.102	11.854	1.86207	-.26280	-.15820	-.31138	-.25784	-.27531	-.20041	-.40650	-.28486	-.25300
1.098	13.940	1.97139	-.25513	-.13974	-.30186	-.24732	-.27931	-.20361	-.41261	-.28661	-.25636
1.101	15.878	1.91212	-.23410	-.13089	-.28410	-.23198	-.28142	-.20365	-.40646	-.28164	-.24919
1.100	17.905	1.93313	-.22500	-.12379	-.27158	-.22175	-.28475	-.21039	-.39845	-.29317	-.24489
1.100	19.879	.30789	-.20196	-.13917	-.23327	-.24456	-.25865	-.24370	-.38913	-.32171	-.21478
	GRADIENT	.01300	.00885	.00837	.00739	.00897	.00679	.00857	.00696	.00922	.00606

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-3.944	2.00688	-.34993	-.24339	-.41852	-.35060	-.32313	-.26595	-.45079	-.36283	-.30259
1.149	-1.937	2.01399	-.33258	-.22898	-.40293	-.34025	-.30770	- 26275	-.44787	-.35613	-.28012
1.150	.036	2.02871	-.31527	-.21341	-.38567	-.32600	-.29047	-.24929	-.43437	-.34322	-.26018
1.150	2.026	2.06033	-.29710	-.19571	-.36605	-.31000	-.27074	-.23390	-.41815	-.32880	-.24196
1.150	4.020	2.04605	-.27897	-.17986	-.34454	-.29423	-.25267	-.21244	-.39565	-.31261	-.23094
1.149	6.066	2.04735	-.25965	-.16095	-.32133	-.27152	-.25578	-.19449	-.37307	-.28730	-.22519
1.150	7.932	1.98545	-.24507	-.14304	-.30803	-.25307	-.24371	-.18140	-.36636	-.26581	-.22143
1.149	9.882	1.89758	-.22968	-.12387	-.28724	-.23571	-.23167	-.17306	-.34942	-.24843	-.21864
1.149	11.917	1.87358	-.21349	-.11144	-.27069	-.21813	-.22552	-.16670	-.34061	-.23557	-.21110
1.148	13.894	1.90700	-.20160	-.09030	-.25701	-.20039	-.22698	-.16242	-.33238	-.22838	-.20814
1.150	15.889	1.91221	-.18289	-.08306	-.23702	-.18448	-.22705	-.16819	-.32823	-.22509	-.20257
1.150	17.908	1.93465	-.16024	-.07327	-.22281	-.17046	-.23070	-.17009	-.32181	-.22652	-.19572
	GRADIENT	.00627	.00892	.00806	.00929	.00719	.00894	.00683	.00704	.00642	.00912

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.197	-1.990	2.04311	-.28547	-.19635	-.36802	-.29888	-.28771	-.22774	-.43493	-.31996	-.27933
1.199	.070	2.04395	-.26536	-.17704	-.35239	-.28628	-.26941	-.21380	-.42497	-.30871	-.25750
1.198	2.066	2.05053	-.24811	-.15956	-.33529	-.27050	-.25225	-.19822	-.41037	-.29593	-.23706
1.198	4.019	2.06599	-.23184	-.14547	-.31820	-.25669	-.23679	-.17895	-.39139	-.28211	-.22051
1.198	6.032	2.08807	-.21674	-.12655	-.29225	-.24215	-.23637	-.16626	-.36438	-.26350	-.21192
1.201	7.929	2.02582	-.19056	-.10772	-.27177	-.22483	-.21581	-.15595	-.35235	-.24231	-.19496
1.197	10.006	1.81744	-.18468	-.09084	-.24460	-.21225	-.19641	-.15299	-.32887	-.23275	-.17823
1.197	11.894	1.85774	-.17014	-.08223	-.22628	-.19583	-.18921	-.14739	-.32665	-.21986	-.17156
1.202	13.907	1.90837	-.15478	-.05685	-.20967	-.17933	-.18246	-.14022	-.30894	-.21141	-.16487
1.199	15.883	1.90826	-.13748	-.05264	-.19030	-.16154	-.18667	-.14026	-.30555	-.20510	-.16361
1.198	17.907	1.90941	-.12470	-.04693	-.17481	-.14851	-.19102	-.14460	-.30094	-.20292	-.15980
	GRADIENT	.00374	.00895	.00850	.00831	.00711	.00849	.00808	.00724	.00630	.00984

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	-1.965	1.97817	-.21878	-.14247	-.30736	-.24866	-.25544	-.19599	-.36921	-.26453	-.25318
1.298	.020	2.02979	-.20017	-.12741	-.29806	-.23859	-.23964	-.17569	-.34955	-.25501	-.23910
1.299	1.979	2.06454	-.18358	-.10551	-.28315	-.22526	-.22631	-.15760	-.34051	-.24572	-.21401
1.299	4.006	2.04174	-.16749	-.08298	-.26115	-.21125	-.21171	-.14562	-.32535	-.23503	-.19720
1.301	6.040	2.10263	-.14381	-.04651	-.24720	-.20115	-.19503	-.13931	-.31332	-.22987	-.17675
1.299	7.952	2.02213	-.13030	-.05002	-.21752	-.17716	-.17273	-.11777	-.29062	-.20247	-.16387
1.299	9.998	2.00536	-.10721	-.03467	-.20293	-.16901	-.15946	-.12011	-.29261	-.18509	-.14863
1.301	11.905	1.88984	-.10219	-.03543	-.18501	-.16417	-.15029	-.11225	-.27437	-.18029	-.13113
1.301	13.902	1.92981	-.09726	-.01304	-.17072	-.14311	-.14752	-.10987	-.25669	-.17830	-.11842
1.300	15.964	1.95750	-.09171	-.02060	-.16260	-.14033	-.15277	-.11011	-.24003	-.17480	-.11124
1.299	17.930	1.96522	-.09322	-.03323	-.15067	-.12652	-.16772	-.12409	-.23035	-.17453	-.10866
	GRADIENT	.01129	.00858	.01008	.00773	.00632	.00727	.00851	.00708	.00492	.00971

OA232 AEDC 16T TF431 LA .2P/S RA .2A (OVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.399	-3.951	1.92708	-.17828	-.10483	-.26468	-.20431	-.21454	-.16141	-.33689	-.22541	-.22808
1.399	-2.062	1.98129	-.15753	-.08626	-.24977	-.19269	-.20461	-.14642	-.30633	-.21747	-.21411
1.399	-.026	1.97470	-.14009	-.06598	-.24161	-.18001	-.18592	-.12749	-.29495	-.20603	-.18767
1.399	2.010	1.98051	-.12320	-.04649	-.22034	-.16786	-.17374	-.11493	-.28096	-.19637	-.16974
1.401	4.008	2.00170	-.10866	-.03382	-.20793	-.15670	-.16027	-.10213	-.26415	-.18286	-.15370
1.400	6.040	2.10302	-.08389	-.01881	-.19193	-.14624	-.15183	-.09056	-.25300	-.16992	-.14091
1.400	8.038	2.10702	-.07433	-.00379	-.17535	-.13787	-.14115	-.08383	-.23991	-.16289	-.12769
1.400	10.115	1.94794	-.06859	.00131	-.15899	-.11969	-.12239	-.06862	-.23786	-.14651	-.11205
1.401	11.977	1.97140	-.06097	.00592	-.14402	-.11456	-.11639	-.06789	-.22992	-.13961	-.10147
1.399	13.972	2.00552	-.06354	.01912	-.13541	-.10940	-.12357	-.07105	-.21959	-.13243	-.09630
1.400	15.995	2.01067	-.06564	-.00413	-.12606	-.09688	-.14180	-.08636	-.20657	-.13228	-.09670
1.399	18.010	2.02016	-.07460	-.03542	-.11551	-.08633	-.16951	-.10340	-.19493	-.12203	-.09476
	GRADIENT	.00737	.00868	.00909	.00715	.00601	.00698	.00750	.00853	.00532	.00967

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.550	-3.884	1.77379	-.12341	-.03393	-.21906	-.14490	-.15830	-.10857	-.31053	-.17226	-.18820
1.550	-1.889	1.84667	-.10590	-.02124	-.21195	-.13531	-.14490	-.09868	-.27609	-.16740	-.17732
1.550	.100	1.85984	-.07863	-.00509	-.19987	-.13528	-.13252	-.08344	-.25130	-.16040	-.16270
1.550	2.143	1.86100	-.06760	.01453	-.18987	-.12621	-.12628	-.07812	-.23690	-.15039	-.14412
1.550	4.161	1.87869	-.06189	.01580	-.17589	-.11827	-.11676	-.07081	-.22069	-.13769	-.12919
1.550	6.194	1.95135	-.04687	.03286	-.15874	-.10125	-.10100	-.06463	-.20472	-.13360	-.10833
1.550	8.107	2.01912	-.04450	.02403	-.13413	-.08667	-.09402	-.04962	-.18277	-.12291	-.09407
1.550	10.075	1.93643	-.03773	.01706	-.11893	-.09311	-.08969	-.06882	-.17065	-.11978	-.08149
1.549	11.895	1.99044	-.04104	-.00259	-.09956	-.08798	-.10170	-.07824	-.15744	-.12424	-.07379
1.550	13.923	2.04652	-.05258	-.01677	-.09288	-.07597	-.11781	-.09095	-.15281	-.11370	-.07068
1.549	15.882	2.09257	-.06338	-.04177	-.09198	-.07474	-.14416	-.11539	-.15098	-.10963	-.07451
1.549	17.875	2.09671	-.08710	-.05843	-.09704	-.06928	-.15635	-.11861	-.14762	-.09537	-.07953
	GRADIENT	.01111	.00801	.00672	.00539	.00310	.00505	.00477	.01087	.00429	.00752

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (OVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.700	-1.945	-.21587	-.48908	-.44052	-.26637	-.26354	-.24271	-.22088	-.31061	-.26328	-.22746
.701	.002	-.17182	-.48563	-.43589	-.26647	-.26322	-.26056	-.23464	-.30776	-.25885	-.23378
.702	2.035	-.12579	-.48495	-.43282	-.27021	-.26532	-.26678	-.24543	-.31021	-.25889	-.24251
.702	4.113	-.08251	-.48568	-.43191	-.27511	-.27104	-.28609	-.26516	-.31964	-.26338	-.25236
.703	6.181	-.03740	-.49253	-.43434	-.28482	-.27746	-.31181	-.28311	-.33132	-.27064	-.26170
	GRADIENT	.02207	.00053	.00142	-.00149	-.00123	-.00675	-.00711	-.00148	-.00003	-.00413

OA232 AEDC 16T TF431 LA .2A RFN.IS (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.200	-1.708	.10331	-.41775	-.35709	-.25380	-.24904	-.21671	-.21471	-.28205	-.25148	-.22343
.200	.137	.10451	-.39971	-.34803	-.24328	-.24070	-.21934	-.21520	-.26488	-.23882	-.21741
.200	2.134	.10608	-.40972	-.34903	-.24787	-.24312	-.22810	-.22611	-.26962	-.23689	-.22399
.200	4.213	.10742	-.41252	-.34775	-.24912	-.24439	-.25533	-.24040	-.27511	-.24249	-.22965
.200	6.138	.10875	-.41353	-.35097	-.25245	-.24986	-.25433	-.25452	-.27626	-.24367	-.23300
.201	8.137	.11107	-.40477	-.34724	-.24994	-.24737	-.25817	-.25837	-.27558	-.24552	-.23285
.201	10.165	.11210	-.41611	-.36067	-.26548	-.26077	-.27797	-.28031	-.29968	-.26105	-.24412
.202	12.171	.11333	-.43361	-.36810	-.28011	-.27541	-.30092	-.30114	-.31401	-.27571	-.25682
.203	14.189	.11512	-.44093	-.37595	-.29078	-.29237	-.31979	-.32211	-.32860	-.29689	-.27187
.203	16.176	.11651	-.44823	-.39179	-.30692	-.30432	-.34209	-.34860	-.37599	-.31927	-.28807
	GRADIENT	.00070	.00022	.00134	.00044	.00055	-.00637	-.00449	.00074	.00141	-.00131

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRF = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.396	-1.917	.07926	-.41011	-.35432	-.24347	-.23711	-.20167	-.20302	-.26491	-.24094	-.21257
.397	.032	.07939	-.40565	-.35015	-.23988	-.23119	-.20892	-.21026	-.25648	-.23028	-.20913
.397	1.999	.07942	-.40735	-.35066	-.24510	-.23641	-.22358	-.22257	-.25934	-.23196	-.21672
.397	4.009	.07838	-.40464	-.35037	-.24728	-.23741	-.23992	-.23184	-.26150	-.23061	-.22010
.397	6.022	.07849	-.40961	-.35070	-.24892	-.24024	-.24511	-.25236	-.26785	-.23581	-.22296
.398	8.027	.07906	-.41067	-.35537	-.25730	-.24862	-.25701	-.26191	-.27502	-.24537	-.23373
.398	10.028	.07938	-.41250	-.35843	-.26282	-.25532	-.27192	-.27800	-.28758	-.25913	-.24633
.397	12.033	.07921	-.42885	-.36757	-.27641	-.26887	-.29259	-.29988	-.30832	-.27388	-.25398
.397	14.026	.07911	-.45037	-.37721	-.29422	-.28310	-.31276	-.32007	-.32617	-.29640	-.27175
.397	16.049	.08105	-.44178	-.38989	-.30345	-.29586	-.33375	-.34461	-.36487	-.31859	-.28691
	GRADIENT	-.00013	.00074	.00057	-.00085	-.00031	-.00656	-.00500	.00037	.00148	-.0015.

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.598	-2.039	-.04092	-.45908	-.40254	-.26456	-.13266	-.21256	-.22058	-.28537	-.25494	-.22258
.600	.111	-.04529	-.45506	-.39774	-.26290	-.13258	-.22557	-.23409	-.27949	-.25125	-.22780
.600	2.039	-.04698	-.44816	-.39299	-.26195	-.12977	-.23395	-.24092	-.27646	-.24878	-.23207
.600	3.993	-.04908	-.44794	-.39216	-.26451	-.13262	-.24989	-.25379	-.28008	-.25235	-.23923
.600	6.000	-.04848	-.45495	-.39429	-.27135	-.13326	-.26186	-.28030	-.28902	-.25758	-.24597
.601	8.000	-.04855	-.45414	-.39647	-.27954	-.13931	-.27577	-.28689	-.29712	-.26483	-.25383
.600	10.064	-.04538	-.45719	-.40129	-.28841	-.13967	-.29185	-.30512	-.31281	-.28137	-.26877
.599	12.040	-.04187	-.47367	-.41039	-.30250	-.14310	-.31424	-.32807	-.33370	-.30010	-.28283
.599	14.029	-.03714	-.48821	-.41929	-.31773	-.14811	-.33670	-.35469	-.35409	-.32153	-.29808
.599	16.077	-.03416	-.48498	-.43049	-.33510	-.15238	-.36393	-.38196	-.39535	-.34717	-.31803
	GRADIENT	-.00131	.00201	.00180	.00006	.00015	-.00601	-.00532	.00096	.00053	-.00270

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.700	-2.042	-.00816	-.49573	-.43619	-.26963	-.26008	-.21769	-.22281	-.28996	-.26368	-.22618
.700	.148	-.00991	-.49158	-.42961	-.26895	-.25900	-.23191	-.23746	-.28348	-.25846	-.23173
.702	2.066	-.01194	-.49101	-.42885	-.27206	-.26091	-.24420	-.24932	-.28490	-.25873	-.23909
.701	3.979	-.01170	-.48883	-.42658	-.27575	-.26540	-.25856	-.26164	-.28943	-.26116	-.24604
.701	5.966	-.01104	-.49422	-.42821	-.28262	-.27225	-.27489	-.28953	-.29713	-.26801	-.25494
.700	8.031	-.01014	-.49645	-.43170	-.29402	-.28281	-.29123	-.30051	-.31059	-.28147	-.26800
.701	10.046	-.00879	-.50259	-.43867	-.30802	-.29638	-.31181	-.32234	-.32872	-.29918	-.28365
.699	12.047	-.00423	-.51654	-.44510	-.32418	-.31209	-.33539	-.34843	-.35236	-.32027	-.30101
.698	14.050	-.00098	-.53436	-.45632	-.34351	-.33381	-.36263	-.37701	-.37599	-.34787	-.32146
.696	16.054	.00175	-.52764	-.46692	-.36477	-.35503	-.39263	-.40913	-.42351	-.37495	-.34352
	GRADIENT	-.00064	.00107	.00150	-.00106	-.00087	-.00675	-.00643	.00005	.00039	-.00334

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.798	-1.998	.03057	-.58993	-.52476	-.27114	-.25989	-.21967	-.22366	-.29351	-.26331	-.22755
.800	.022	.03419	-.59011	-.52195	-.27404	-.26108	-.23622	-.24057	-.29115	-.26136	-.23611
.800	1.984	.03678	-.58795	-.51907	-.28218	-.26780	-.25337	-.25703	-.29651	-.26671	-.24944
.800	3.965	.03853	-.58696	-.52640	-.29334	-.27895	-.27321	-.27584	-.30977	-.27682	-.26303
.800	5.997	.04188	-.60277	-.52834	-.31065	-.29554	-.29850	-.31262	-.33021	-.29482	-.28105
.800	7.982	.04455	-.60367	-.52331	-.33163	-.31510	-.31807	-.32699	-.35503	-.31892	-.30132
.800	10.011	.04803	-.60132	-.51748	-.35465	-.33669	-.34384	-.35522	-.38780	-.35096	-.32781
.800	11.995	.05201	-.59593	-.51598	-.37728	-.35756	-.37166	-.38479	-.42362	-.38261	-.35359
.799	13.998	.05841	-.62398	-.50915	-.40086	-.38073	-.40357	-.42022	-.45600	-.41942	-.38410
.799	16.024	.06224	-.57951	-.50772	-.42017	-.40164	-.44212	-.46379	-.52362	-.46018	-.41767
	GRADIENT	.00133	.00056	-.00010	-.00376	-.00321	-.00895	-.00871	-.00272	-.00230	-.00603

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.850	-1.977	-.01089	-.69408	-.63799	-.20719	-.19713	-.20275	-.19060	-.24936	-.22390	-.19162
.850	-.062	-.01061	-.67836	-.61583	-.22234	-.20967	-.22986	-.21481	-.25123	-.21832	-.20353
.849	1.935	-.01186	-.65825	-.59175	-.24601	-.22811	-.25643	-.24171	-.25256	-.21993	-.22037
.850	3.949	-.00934	-.63380	-.56840	-.27824	-.26129	-.29184	-.27749	-.26503	-.23213	-.23904
.850	5.957	-.00837	-.61226	-.54782	-.31649	-.30012	-.33847	-.33159	-.29358	-.25838	-.26628
.850	7.985	-.00845	-.59804	-.52879	-.34771	-.33388	-.38451	-.38155	-.33161	-.29446	-.29428
.850	10.024	-.00681	-.58156	-.51654	-.41413	-.39956	-.46604	-.46960	-.36247	-.31982	-.31933
.850	11.988	-.00447	-.57312	-.51334	-.48308	-.48165	-.48935	-.49647	-.40661	-.35204	-.35026
.849	14.000	-.00281	-.59204	-.49758	-.51545	-.52722	-.49551	-.50621	-.48320	-.42943	-.42478
.850	16.025	-.00027	-.55468	-.48839	-.52484	-.53242	-.50611	-.51881	-.56690	-.49985	-.47343
	GRADIENT	.00017	.01017	.01178	-.01200	-.01069	-.01487	-.01455	-.00246	-.00135	-.00805

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.900	-1.980	.07470	-.62926	-.59015	-.66519	-.66473	-.46644	-.49940	-.63728	-.60262	-.39277
.901	-.001	.07249	-.61735	-.57470	-.63432	-.63907	-.46100	-.50026	-.65425	-.60993	-.41702
.900	1.973	.07069	-.60778	-.55645	-.60192	-.61368	-.45820	-.49462	-.62665	-.58823	-.41554
.900	3.975	.10464	-.59345	-.53729	-.57227	-.58567	-.45465	-.48516	-.61086	-.56737	-.41359
.900	5.969	.07693	-.57869	-.51528	-.54989	-.56117	-.45247	-.49332	-.60185	-.55566	-.41510
.900	7.987	.07942	-.56744	-.49375	-.53133	-.54233	-.43373	-.47057	-.59969	-.55355	-.41861
.900	9.981	.11112	-.54870	-.47428	-.52165	-.53207	-.43150	-.46749	-.60508	-.55489	-.42428
.899	11.999	.10889	-.52860	-.46329	-.51188	-.52294	-.43206	-.46929	-.61734	-.55948	-.43094
.900	13.996	.07874	-.52298	-.44002	-.50259	-.51518	-.44201	-.47892	-.61961	-.56574	-.43723
.900	16.018	.07892	-.49402	-.42918	-.49524	-.50721	-.45762	-.49477	-.63909	-.57072	-.44618
.900	18.047	.07420	-.49659	-.42014	-.48929	-.50279	-.47325	-.51135	-.65093	-.59346	-.45450
	GRADIENT	.00445	.00590	.00891	.01568	.01324	.00192	.00244	.00539	.00643	-.00307

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.949	-1.982	.05388	-.55698	-.52565	-.61214	-.62445	-.47270	-.48431	-.65427	-.62076	-.43146
.948	-.011	.07757	-.54688	-.51349	-.59513	-.60111	-.47031	-.48397	-.64309	-.60231	-.41860
.950	1.936	.02827	-.53308	-.49117	-.56901	-.57847	-.45879	-.47528	-.61738	-.57965	-.40263
.949	3.980	.08601	-.52323	-.47317	-.54069	-.55309	-.43812	-.45637	-.58710	-.55483	-.39170
.950	5.987	.08375	-.50925	-.45170	-.51568	-.52871	-.44322	-.44816	-.56728	-.53619	-.38379
.950	7.949	.09474	-.49466	-.42931	-.49674	-.51123	-.41648	-.43585	-.55471	-.52217	-.38188
.949	10.002	.08931	-.47542	-.40573	-.47949	-.49430	-.40934	-.42756	-.54962	-.51246	-.38167
.947	12.001	.07577	-.45973	-.39597	-.46697	-.48126	-.41145	-.42826	-.55292	-.51132	-.38256
.951	14.039	.01313	-.44458	-.36815	-.44859	-.46457	-.41467	-.42910	-.54713	-.50774	-.38130
.950	15.942	.03737	-.41998	-.35884	-.43751	-.45437	-.42235	-.43735	-.55507	-.50849	-.38235
.952	18.019	.00882	-.41607	-.34536	-.42523	-.44125	-.43286	-.44500	-.56484	-.52195	-.38504
	GRADIENT	.00246	.00580	.00906	.01213	.01194	.00578	.00468	.01147	.01112	.00681

0A232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.980	-2.081	.00937	-.51698	-.49334	-.58196	.02322	-.42313	-.45637	-.62553	-.59367	-.41026
.980	.046	.03264	-.50036	-.46484	-.55533	.02211	-.42245	-.45279	-.60741	-.57149	-.40041
.980	2.007	.03323	-.48912	-.44968	-.53602	.05366	-.41057	-.44624	-.58842	-.55082	-.38682
.980	3.910	.03541	-.47915	-.43209	-.51467	.07892	-.39454	-.43083	-.56551	-.53177	-.37548
.979	5.939	.03090	-.46632	-.41153	-.48662	.08890	-.38658	-.41666	-.54161	-.51075	-.36476
.980	7.962	.03477	-.45279	-.39054	-.46948	.09806	-.36697	-.40679	-.52605	-.49439	-.36080
.980	9.950	.00029	-.43266	-.36765	-.45072	.10670	-.35913	-.39865	-.51512	-.48236	-.36190
.980	12.006	.00981	-.41422	-.35386	-.43397	.10910	-.35789	-.39692	-.51304	-.47603	-.35646
.980	13.993	-.01562	-.40321	-.33017	-.41760	.11673	-.35900	-.39935	-.50879	-.47298	-.35395
.980	16.016	-.02645	-.37472	-.31678	-.40165	.09663	-.36177	-.40352	-.51128	-.46960	-.35141
.980	18.015	.01322	-.37562	-.30569	-.39076	.10385	-.37079	-.40904	-.52332	-.48152	-.35352
	GRADIENT	.00401	.00527	.01001	.01110	.00987	.00485	.00414	.00996	.01035	.00591

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.050	-1.963	-.03566	-.41919	-.39253	-.49031	.13501	-.36566	-.39517	-.54538	-.51176	-.35850
1.049	-.011	-.05021	-.40506	-.37456	-.47173	.13386	-.35121	-.38279	-.53126	-.49543	-.33720
1.049	1.940	-.05442	-.39118	-.35709	-.45080	.13017	-.33516	-.36767	-.51192	-.47916	-.32082
1.050	3.965	-.02538	-.37237	-.33330	-.42568	.13807	-.31699	-.34975	-.48494	-.45433	-.30830
1.049	5.981	-.01991	-.35976	-.31204	-.40865	.14537	-.31204	-.33829	-.46977	-.43765	-.29917
1.050	7.988	-.03590	-.34808	-.29394	-.39063	.14988	-.29361	-.33018	-.45252	-.41959	-.29056
1.050	10.014	-.02505	-.33176	-.27236	-.37069	.15807	-.28582	-.32217	-.43669	-.40470	-.29030
1.049	12.002	-.00521	-.31504	-.25711	-.35279	.16320	-.28373	-.31760	-.43011	-.39455	-.28393
1.049	13.994	-.00335	-.30334	-.23473	-.33664	.17692	-.28329	-.31540	-.42618	-.38764	-.27933
1.049	16.017	-.06232	-.27748	-.22338	-.31882	.17885	-.28386	-.31867	-.42509	-.38265	-.27216
1.050	17.994	-.05396	-.27497	-.21194	-.30443	.19794	-.28641	-.32005	-.42950	-.39090	-.26935
	GRADIENT	.00139	.00783	.00990	.01089	.00029	.00822	.00768	.01018	.00977	.00845

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.100	-1.895	.04138	-.33886	-.31016	-.41050	.10985	-.29888	-.32353	-.46746	-.43098	-.29457
1.100	-.033	-.02159	-.32608	-.29261	-.39316	.11153	-.28299	-.30932	-.45350	-.41846	-.27329
1.100	1.941	-.02636	-.30986	-.27445	-.37153	.11404	-.26480	-.29224	-.43496	-.40079	-.25538
1.101	4.017	.03931	-.29178	-.25191	-.34773	.12213	-.24450	-.27302	-.40939	-.37670	-.24015
1.100	6.001	.03728	-.27071	-.23393	-.33199	.12611	-.24031	-.26347	-.39564	-.36211	-.23286
1.100	8.012	.02959	-.26927	-.21505	-.31560	.13401	-.22422	-.25641	-.38067	-.34631	-.22467
1.100	10.034	.02124	-.25491	-.19619	-.29869	.14249	-.21832	-.24937	-.36687	-.33394	-.22442
1.099	12.005	-.03848	-.24045	-.18283	-.29341	.14939	-.21569	-.24762	-.36126	-.32632	-.21840
1.100	13.998	-.01951	-.23049	-.16134	-.26833	.16204	-.21562	-.24584	-.35888	-.32170	-.21635
1.101	16.034	.02804	-.20754	-.14972	-.25185	.16989	-.21611	-.24660	-.35733	-.31707	-.21005
1.100	18.066	.03915	-.20527	-.14118	-.24058	.19353	-.22064	-.25060	-.36260	-.32454	-.20892
	GRADIENT	-.00020	.00800	.00980	.01066	.00201	.00921	.00856	.00981	.00918	.00917

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-1.882	.03755	-.29671	-.26699	-.36823	.11511	-.26418	-.29107	-.42125	-.39303	-.25689
1.151	.029	.05607	-.28280	-.24786	-.35484	.11782	-.25166	-.27521	-.41143	-.38130	-.24492
1.149	2.084	.03604	-.26781	-.22923	-.33635	.12023	-.23216	-.25906	-.39138	-.36704	-.21541
1.149	3.966	.03535	-.25100	-.21191	-.31865	.12433	-.21593	-.24307	-.37225	-.35127	-.20222
1.149	6.005	.03669	-.23637	-.19347	-.29813	.13061	-.20797	-.23037	-.35058	-.33213	-.18983
1.150	8.013	.05529	-.22350	-.17208	-.27801	.13910	-.19373	-.22497	-.34288	-.31201	-.19387
1.150	10.051	.02544	-.20805	-.15084	-.25951	.15075	-.18435	-.21697	-.32577	-.29713	-.18670
1.150	12.043	.04822	-.19325	-.13499	-.24107	.16227	-.17565	-.20907	-.31475	-.28365	-.17965
1.149	14.054	.04297	-.18174	-.11269	-.22320	.17480	-.17270	-.20336	-.30744	-.27412	-.17421
1.149	16.042	.03648	-.16194	-.09923	-.20313	.18791	-.17116	-.20240	-.30433	-.26823	-.16796
1.150	18.083	.05195	-.15103	-.08479	-.18830	.20326	-.17075	-.20141	-.29938	-.27023	-.16119
	GRADIENT	-.00140	.00776	.00938	.00853	.00153	.00839	.00817	.00853	.00712	.00990

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.199	-1.399	.05515	-.25496	-.22444	-.33364	.12066	-.24147	-.26271	-.39063	-.35450	-.25199
1.200	.031	.05866	-.23843	-.20559	-.31660	.12254	-.22389	-.24668	-.37695	-.34393	-.23193
1.201	1.923	.05297	-.22360	-.18763	-.29989	.12411	-.20612	-.23126	-.36358	-.33094	-.21331
1.200	3.944	.05186	-.20798	-.16869	-.28338	.12899	-.18964	-.21374	-.34614	-.31588	-.19819
1.201	5.950	.05340	-.19158	-.15007	-.26492	.13461	-.17999	-.20086	-.32807	-.29777	-.18447
1.199	8.010	.06385	-.17840	-.13247	-.24752	.14277	-.16650	-.19258	-.31326	-.27774	-.17153
1.199	10.011	.07706	-.16482	-.11191	-.22759	.15568	-.15593	-.18333	-.29624	-.26133	-.16421
1.200	12.066	.07659	-.15265	-.09557	-.20845	.16803	-.14486	-.17380	-.28069	-.24482	-.15149
1.200	14.048	.07415	-.14309	-.07522	-.19044	.18070	-.13693	-.16774	-.26943	-.23548	-.14381
1.200	16.006	.05178	-.12802	-.06349	-.17043	.19324	-.13404	-.16591	-.26423	-.22978	-.13658
1.200	18.059	.05698	-.11698	-.06120	-.15228	.20757	-.13299	-.16345	-.25621	-.22886	-.13039
	GRADIENT	-.00080	.00802	.00954	.00862	.00137	.00892	.00856	.00757	.00664	.00926

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.219	-1.949	.03305	-.23717	-.21321	-.32858	.14424	-.23758	-.25412	-.37869	-.34095	-.23982
1.220	.000	.03524	-.21926	-.18910	-.31513	.14783	-.22291	-.23708	-.36348	-.33107	-.21715
1.220	1.906	.04213	-.20514	-.17204	-.30016	.15084	-.20732	-.22147	-.35059	-.31996	-.19325
1.219	3.926	.04444	-.18908	-.15606	-.28185	.15536	-.19125	-.20359	-.33427	-.30577	-.17897
1.220	5.932	.04848	-.17222	-.14133	-.26244	.16161	-.18322	-.19021	-.31654	-.28811	-.16446
1.220	7.974	.05153	-.15874	-.12232	-.24473	.16970	-.17032	-.18113	-.29905	-.26744	-.15422
1.220	9.977	.06595	-.14523	-.10154	-.22606	.18064	-.15678	-.16785	-.28177	-.24699	-.14865
1.219	12.006	.06980	-.13050	-.08624	-.20777	.19240	-.14674	-.15516	-.26877	-.23254	-.13685
1.220	13.988	.06685	-.11709	-.06312	-.19412	.20430	-.14276	-.14470	-.25604	-.22304	-.12814
1.220	16.019	.06078	-.09549	-.04942	-.17232	.21990	-.13594	-.14761	-.24555	-.21516	-.11952
1.218	17.980	.05924	-.08710	-.04538	-.15697	.23005	-.13383	-.14700	-.23980	-.21320	-.11945
	GRADIENT	.00210	.00811	.00965	.00795	.00186	.00792	.00856	.00749	.00598	.01056

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.240	-2.006	.03607	-.22565	-.20366	-.30690	.14026	-.21901	-.24539	-.36422	-.33648	-.24031
1.239	.029	.04522	-.20497	-.17665	-.29267	.13844	-.20478	-.22959	-.35565	-.32421	-.22365
1.240	1.967	.04874	-.18950	-.15615	-.27801	.13671	-.18988	-.21563	-.34381	-.31435	-.20997
1.239	4.034	.04755	-.17007	-.13426	-.26277	.14072	-.17811	-.20189	-.32796	-.29546	-.19533
1.240	5.980	.04966	-.15093	-.11813	-.24696	.14461	-.16864	-.19236	-.31350	-.27637	-.18376
1.240	7.979	.05070	-.13586	-.09878	-.22960	.15047	-.15616	-.18627	-.29773	-.25778	-.17036
1.240	10.012	.06103	-.12444	-.07663	-.21066	.16338	-.14528	-.17708	-.28393	-.24144	-.15973
1.240	11.996	.06236	-.11507	-.05852	-.19426	.17597	-.13415	-.16506	-.27221	-.22915	-.14714
1.240	14.012	.05779	-.10722	-.03985	-.17471	.19297	-.12630	-.15311	-.25824	-.22045	-.13636
1.239	16.012	.04936	-.09498	-.03490	-.15106	.20859	-.12110	-.14997	-.24900	-.21617	-.12940
1.240	18.026	.04581	-.08708	-.03461	-.13231	.22058	-.10938	-.14058	-.23550	-.21763	-.12090
	GRADIENT	.00189	.00909	.01140	.00733	-.00001	.00686	.00720	.00602	.00664	.00741

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	-1.990	.01709	-.18989	-.17134	-.28091	-.28073	-.20770	-.22464	-.33428	-.29464	-.23020
1.299	.002	.01829	-.17439	-.15699	-.26630	-.26326	-.18843	-.20276	-.32144	-.28208	-.21325
1.300	1.989	.01816	-.15728	-.13700	-.25524	-.24671	-.17103	-.18332	-.30283	-.27275	-.19350
1.300	3.995	.01773	-.14119	-.11752	-.23998	-.23295	-.15834	-.16250	-.28772	-.25976	-.16688
1.300	6.004	.02124	-.12339	-.09624	-.22393	-.21692	-.14833	-.14700	-.27660	-.24489	-.15021
1.300	8.026	.02127	-.10978	-.07826	-.20557	-.19944	-.13997	-.13747	-.25920	-.22657	-.13548
1.300	9.976	.02760	-.09593	-.06093	-.18824	-.18040	-.12988	-.13084	-.24362	-.21158	-.12914
1.300	12.011	.02962	-.08565	-.05705	-.17201	-.16103	-.12011	-.12049	-.23078	-.19937	-.11532
1.300	14.019	.02447	-.08323	-.05640	-.15593	-.14355	-.11968	-.11342	-.22359	-.18789	-.10074
1.299	15.969	.01963	-.07508	-.06238	-.14251	-.13217	-.11956	-.11850	-.21733	-.18194	-.09226
1.300	18.050	.01941	-.07664	-.06998	-.13258	-.12658	-.12637	-.13918	-.20835	-.17525	-.09442
	GRADIENT	.00009	.00818	.00910	.00671	.00802	.00830	.01032	.00794	.00572	.01052

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.399	-1.985	-.04436	-.12482	-.10620	-.22656	-.22246	-.16016	-.17375	-.27507	-.25221	-.18726
1.400	.022	-.03206	-.11002	-.08743	-.21185	-.21379	-.14329	-.16056	-.25886	-.24462	-.16947
1.400	1.962	-.04248	-.09152	-.06777	-.20196	-.20076	-.12479	-.14950	-.25213	-.23332	-.14896
1.399	3.977	-.03960	-.07:86	-.04304	-.18524	-.18608	-.11422	-.13525	-.23898	-.21841	-.13614
1.400	5.952	-.04234	-.05622	-.02557	-.16539	-.17169	-.10444	-.12058	-.22053	-.19884	-.12119
1.400	7.986	-.03715	-.04474	-.01009	-.14841	-.15560	-.09064	-.10935	-.20928	-.18129	-.10594
1.400	9.965	-.03193	-.03786	-.00121	-.13345	-.14095	-.08116	-.09671	-.20204	-.17092	-.09100
1.400	11.982	-.02774	-.03325	-.00063	-.11963	-.12657	-.06852	-.08863	-.19248	-.16195	-.07834
1.400	13.992	-.03162	-.03727	-.00664	-.10876	-.11487	-.07513	-.09324	-.18680	-.15311	-.08352
1.400	15.951	-.03524	-.03897	-.02180	-.09984	-.10825	-.09801	-.10439	-.17872	-.14676	-.08378
1.400	17.977	-.03305	-.05470	-.04610	-.09552	-.10622	-.11888	-.12556	-.16979	-.14272	-.09175
	GRADIENT	.00021	.00849	.01055	.00676	.00616	.00788	.00639	.00581	.00569	.00877

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.550	-1.859	-.13798	-.06561	-.04635	-.17639	-.16568	-.12378	-.12103	-.23998	-.20187	-.15993
1.550	.031	-.13614	-.05445	-.03260	-.16:61	-.15668	-.11435	-.11222	-.22611	-.18854	-.15281
1.550	2.052	-.13690	-.04545	-.01403	-.15778	-.15243	-.10489	-.10433	-.22237	-.18120	-.12915
1.551	4.093	-.13171	-.02666	-.00163	-.14893	-.13949	-.09138	-.08828	-.20992	-.16311	-.11178
1.550	6.060	-.12907	-.01362	-.00097	-.13378	-.12532	-.08266	-.07797	-.19879	-.15333	-.09827
1.550	8.088	-.12448	-.01233	-.00063	-.11748	-.11127	-.08351	-.07724	-.18717	-.14904	-.08676
1.550	10.082	-.11705	-.01832	.00032	-.10320	-.10333	-.08664	-.07342	-.17761	-.14140	-.08071
1.550	12.062	-.11310	-.03263	-.01046	-.09515	-.09308	-.09441	-.08751	-.16969	-.13406	-.07454
1.550	14.095	-.11200	-.05229	-.02473	-.08223	-.08366	-.10653	-.09361	-.16729	-.12339	-.06921
1.549	16.084	-.11012	-.06473	-.05837	-.08266	-.08314	-.12730	-.12453	-.15828	-.11879	-.07153
	GRADIENT	.00091	.00634	.00768	.00443	.00417	.00537	.00535	.00472	.00622	.00848

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.201	-1.827	2.02960	-.44432	-.34629	-.27235	-.24422	-.23370	-.20828	-.28735	-.24448	-.22966
.201	.217	2.05269	-.43621	-.33608	-.25790	-.23829	-.23630	-.21303	-.26862	-.23429	-.22588
.203	2.133	2.06119	-.41579	-.32133	-.24850	-.22709	-.23773	-.21270	-.26328	-.22735	-.21906
.204	4.121	2.04341	-.41990	-.32445	-.25454	-.23129	-.26048	-.22331	-.26499	-.22740	-.22752
.203	6.092	1.96772	-.43005	-.33383	-.26335	-.24409	-.27352	-.25279	-.27598	-.24854	-.23820
.204	7.842	1.84828	-.42622	-.33063	-.26480	-.24566	-.27697	-.25223	-.27527	-.25009	-.24397
.200	9.797	1.66435	-.43272	-.34452	-.27206	-.25440	-.29112	-.26766	-.29366	-.26974	-.25696
.200	11.702	1.75393	-.45006	-.35510	-.29106	-.27763	-.31879	-.29311	-.31921	-.29304	-.27806
.201	13.722	1.80566	-.48101	-.37178	-.31252	-.29488	-.34646	-.31670	-.34047	-.31877	-.29319
.201	15.703	1.84058	-.45696	-.37577	-.30816	-.30123	-.35481	-.32514	-.36383	-.33148	-.30170
	GRADIENT	.00255	.00473	.00406	.00319	.00252	-.00413	-.00227	.00368	.00295	.00067

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.397	-1.949	2.07008	-.42806	-.33498	-.25435	-.22564	-.21283	-.19295	-.27446	-.22708	-.21187
.398	.036	2.05583	-.42845	-.33316	-.25148	-.22635	-.22414	-.20548	-.26803	-.22543	-.21848
.398	2.027	2.08019	-.42300	-.32794	-.24997	-.22373	-.23091	-.20761	-.25826	-.22398	-.21823
.398	4.034	2.07320	-.42362	-.32869	-.25083	-.22931	-.25523	-.22025	-.25911	-.23074	-.22617
.398	6.021	2.09153	-.42627	-.33016	-.25580	-.23309	-.25903	-.24397	-.26525	-.23336	-.22996
.399	7.888	1.93939	-.42435	-.33073	-.25768	-.23617	-.26791	-.24353	-.26829	-.24464	-.23774
.399	9.869	1.87584	-.42979	-.34083	-.27129	-.25094	-.28971	-.26299	-.29011	-.26176	-.25252
.399	11.864	1.85206	-.43993	-.34629	-.27911	-.26224	-.30688	-.27900	-.30847	-.27893	-.26267
.399	13.871	1.87767	-.46671	-.35657	-.29754	-.27478	-.32767	-.29978	-.32577	-.30205	-.27874
.399	15.864	1.89269	-.45473	-.37046	-.30684	-.29344	-.35331	-.32429	-.36432	-.32655	-.29509
.398	17.907	1.91437	-.47703	-.38427	-.32517	-.31171	-.37764	-.34854	-.37109	-.35668	-.31338
	GRADIENT	.00169	.00094	.00121	.00060	-.00042	-.00672	-.00421	.00280	-.00048	-.00214

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.600	-1.921	1.96689	-.47267	-.37337	-.26975	-.11950	-.22148	-.20516	-.29053	-.24308	-.22578
.600	.057	1.97003	-.47065	-.37094	-.26996	-.12144	-.23366	-.21685	-.27731	-.24129	-.23124
.601	2.070	1.96307	-.46716	-.36712	-.26791	-.12169	-.24505	-.22570	-.27933	-.24183	-.23645
.600	4.093	1.98050	-.46066	-.36440	-.26896	-.12066	-.26673	-.23800	-.27577	-.24538	-.24154
.602	6.111	2.02001	-.47061	-.36587	-.27383	-.11926	-.27366	-.26156	-.27958	-.25237	-.24648
.601	8.014	2.01798	-.47351	-.36849	-.28337	-.12606	-.29092	-.26752	-.29014	-.26710	-.26227
.601	10.027	1.88551	-.47516	-.37650	-.29474	-.12916	-.31212	-.28816	-.30256	-.28718	-.27719
.601	11.881	1.93529	-.48734	-.38139	-.30477	-.13287	-.33087	-.30492	-.32909	-.30444	-.29140
.600	13.852	1.98140	-.51021	-.39375	-.32378	-.13717	-.35775	-.32964	-.34510	-.32964	-.30932
.599	15.888	1.99601	-.49759	-.40435	-.33747	-.14089	-.38647	-.35578	-.38731	-.35833	-.32974
.600	17.886	2.01532	-.52468	-.41822	-.35981	-.14820	-.41643	-.38636	-.39971	-.38783	-.35055
	GRADIENT	.00169	.00197	.00153	.00017	-.00018	-.00734	-.00535	.00210	-.00037	-.00262

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.697	-1.908	1.99556	-.51013	-.40801	-.27634	-.24766	-.22789	-.20978	-.29552	-.25042	-.22853
.700	.005	2.00455	-.50971	-.40526	-.27597	-.24869	-.24141	-.22341	-.28802	-.24937	-.23462
.701	2.105	1.97784	-.50802	-.40169	-.27714	-.25154	-.25582	-.23498	-.28505	-.25347	-.24370
.701	4.058	2.00612	-.50647	-.39921	-.28074	-.25676	-.27795	-.24803	-.28494	-.25911	-.25180
.702	6.096	2.02556	-.51845	-.40245	-.28926	-.26525	-.29060	-.27759	-.29264	-.27009	-.26196
.700	7.970	1.95649	-.51839	-.40370	-.29970	-.27602	-.30848	-.28095	-.30392	-.28419	-.27604
.699	10.039	1.87047	-.52412	-.40886	-.31339	-.29180	-.33246	-.30294	-.32422	-.30411	-.29599
.699	11.895	1.91395	-.53640	-.41521	-.32873	-.30999	-.35692	-.32406	-.34952	-.32605	-.31296
.699	13.859	1.95092	-.56507	-.42473	-.35145	-.32687	-.38709	-.35174	-.37309	-.35580	-.33608
.698	15.880	1.95811	-.54867	-.43593	-.36965	-.35164	-.41981	-.38196	-.41995	-.38933	-.36006
.699	17.891	1.97689	-.57629	-.45066	-.39641	-.37835	-.45818	-.41743	-.43677	-.42438	-.38765
	GRADIENT	.00018	.00064	.00150	-.00072	-.00151	-.00823	-.00631	.00173	-.00151	-.00395

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.799	-2.004	2.08335	-.60071	-.49838	-.27727	-.24804	-.22877	-.20985	-.30164	-.25178	-.23108
.799	-.017	2.05686	-.60195	-.49369	-.27980	-.25194	-.24724	-.22763	-.29515	-.25395	-.24088
.800	2.012	2.05643	-.59672	-.48968	-.28622	-.25970	-.26507	-.24301	-.29742	-.26172	-.25350
.800	3.963	2.10071	-.61358	-.48595	-.29728	-.27141	-.29139	-.26203	-.30396	-.27449	-.26766
.800	6.025	2.08432	-.63366	-.48381	-.31290	-.28770	-.31187	-.29365	-.32168	-.29567	-.28641
.800	7.926	1.97903	-.63876	-.47990	-.33511	-.30884	-.33753	-.30717	-.34738	-.32239	-.31002
.800	9.993	1.98886	-.63494	-.47070	-.35907	-.33140	-.36702	-.33184	-.38523	-.35677	-.33991
.800	11.885	1.86603	-.62539	-.47179	-.38303	-.35322	-.39513	-.35994	-.42870	-.39045	-.36733
.800	13.917	1.91870	-.65521	-.46680	-.41140	-.37562	-.43043	-.38933	-.46058	-.42646	-.39882
.800	15.945	1.92168	-.60939	-.46768	-.42834	-.39951	-.47477	-.42992	-.52511	-.46700	-.43420
.800	17.930	1.93482	-.62747	-.46901	-.45225	-.42893	-.52650	-.47540	-.55048	-.51005	-.46472
	GRADIENT	.00255	-.00166	.00207	-.00333	-.00390	-.01031	-.00862	-.00046	-.00380	-.00614

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.849	-1.913	1.88760	-.71354	-.60511	-.21519	-.19671	-.20751	-.18954	-.26415	-.21441	-.19962
.849	.022	1.98563	-.70564	-.57999	-.22218	-.21498	-.23232	-.21625	-.26416	-.20970	-.20948
.850	1.976	2.02953	-.69657	-.55328	-.23873	-.24771	-.25467	-.24383	-.25826	-.21491	-.22312
.850	4.042	2.01113	-.68464	-.52774	-.26373	-.29309	-.29554	-.28018	-.26380	-.23082	-.24099
.850	6.043	2.10182	-.67209	-.50237	-.30143	-.33751	-.35326	-.32077	-.28334	-.25232	-.26152
.850	7.988	2.06958	-.66084	-.48222	-.35689	-.35662	-.47172	-.34704	-.31809	-.28771	-.28785
.850	10.078	1.89658	-.63597	-.46712	-.41792	-.37746	-.50870	-.39478	-.35712	-.33223	-.31523
.850	11.928	1.91231	-.61952	-.46157	-.48195	-.42466	-.52149	-.43232	-.38244	-.38051	-.34609
.849	13.950	1.96210	-.62889	-.45163	-.52999	-.47189	-.53590	-.45[illegible]	-.43714	-.44229	-.43278
.850	15.933	1.98740	-.59491	-.44813	-.56106	-.49067	-.55239	-.46833	-.54565	-.52095	-.50986
.850	17.980	1.99924	-.59884	-.44494	-.57115	-.50365	-.59739	-.48811	-.59977	-.57211	-.54227
	GRADIENT	.02071	.00484	.01306	-.00821	-.01628	-.01448	-.01513	.00034	-.00278	-.00696

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.901	-1.991	2.08210	-.67696	-.53893	-.71083	-.62961	-.51116	-.45847	-.45569	-.57997	-.36801
.899	-.038	2.12317	-.66950	-.51534	-.68112	-.60101	-.51038	-.45148	-.65163	-.55979	-.45219
.899	1.974	2.11906	-.65739	-.49955	-.64791	-.56875	-.50710	-.44727	-.67099	-.53574	-.45685
.900	3.952	2.13377	-.64276	-.48110	-.62471	-.53864	-.50662	-.44257	-.65295	-.51876	-.45916
.900	5.999	2.13583	-.62511	-.46102	-.60184	-.51062	-.50085	-.43832	-.64962	-.50902	-.46193
.900	7.876	2.03755	-.61168	-.44652	-.58592	-.49433	-.49340	-.43539	-.64780	-.50860	-.46758
.900	10.025	1.80871	-.58415	-.43114	-.56723	-.48679	-.48251	-.42672	-.64672	-.51628	-.46770
.900	11.900	1.84698	-.56551	-.42234	-.55832	-.48069	-.48706	-.42217	-.65880	-.52051	-.47349
.900	13.924	1.88942	-.55818	-.40452	-.55099	-.47832	-.49838	-.42016	-.66447	-.52753	-.48453
.899	15.891	1.85803	-.53078	-.39622	-.54122	-.46852	-.50960	-.42860	-.67822	-.53268	-.49301
.899	17.929	1.88761	-.52931	-.38865	-.53579	-.46447	-.52333	-.45346	-.68869	-.55716	-.50335
	GRADIENT	.00758	.00578	.00954	.01470	.01538	.00085	.00261	-.03070	.01047	-.01397

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.950	-1.972	2.04457	-.60026	-.47580	-.65254	-.56923	-.51528	-.43444	-.68854	-.57069	-.46994
.950	.045	1.99295	-.58705	-.46447	-.63270	-.55627	-.51439	-.43289	-.67539	-.55280	-.45758
.950	1.988	2.02304	-.57413	-.44681	-.60987	-.52983	-.49723	-.42651	-.65712	-.53240	-.44539
.950	4.016	2.02635	-.55983	-.42938	-.58138	-.50256	-.48207	-.41252	-.62716	-.50712	-.43457
.950	6.057	2.06653	-.54596	-.40831	-.55910	-.48234	-.48031	-.39517	-.60951	-.48660	-.43137
.950	7.981	2.00429	-.53155	-.39008	-.54092	-.46299	-.46557	-.38615	-.59771	-.47416	-.43248
.951	10.031	2.03208	-.50767	-.36556	-.52131	-.44555	-.45734	-.37284	-.58840	-.46448	-.43007
.950	11.930	1.89113	-.48701	-.35698	-.50322	-.43727	-.45338	-.37464	-.58417	-.46571	-.42466
.949	14.018	2.00172	-.47824	-.33713	-.49213	-.42787	-.46304	-.37643	-.58500	-.46672	-.43112
.950	15.938	1.98679	-.45656	-.32714	-.47968	-.41566	-.46993	-.38641	-.58943	-.46553	-.43277
.950	17.931	1.96310	-.44528	-.31920	-.46633	-.40616	-.47854	-.39976	-.59501	-.48627	-.43364
	GRADIENT	-.00127	.00674	.00788	.01187	.01137	.00586	.00363	.01017	.01061	.00579

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.980	-2.030	2.01267	-.56148	-.44325	-.61492	.02853	-.46448	-.41769	-.65254	-.55590	-.44691
.980	.010	2.05462	-.54281	-.42984	-.59514	.03441	-.46196	-.40730	-.64061	-.52855	-.43822
.980	1.987	2.03801	-.52712	-.41111	-.57356	.03552	-.44739	-.40336	-.62406	-.50504	-.42616
.980	4.017	2.04319	-.51212	-.39282	-.55041	.03803	-.43409	-.38809	-.60061	-.48501	-.41481
.979	6.008	2.11275	-.49978	-.37333	-.52916	.04226	-.42414	-.37191	-.58027	-.46508	-.41043
.979	7.948	1.98303	-.48627	-.35308	-.50892	.05094	-.41228	-.36169	-.56398	-.44960	-.40753
.981	9.975	1.97438	-.47274	-.32806	-.48814	.06096	-.40589	-.34752	-.56188	-.43730	-.40590
.979	11.942	1.91228	-.44405	-.31833	-.47160	.06760	-.40379	-.34638	-.55914	-.43512	-.39932
.980	13.938	1.94006	-.43273	-.29849	-.45714	.07861	-.40650	-.34786	-.55363	-.43329	-.39870
.979	15.929	1.93426	-.41161	-.28953	-.44242	.08422	-.40985	-.35425	-.55597	-.43026	-.39844
.981	17.964	1.96084	-.39966	-.27855	-.42854	.09933	-.41379	-.36230	-.55675	-.44593	-.39817
.980	18.933	1.94876	-.39732	-.27629	-.42290	.10421	-.41511	-.36884	-.56279	-.45205	-.40030
	GRADIENT	.00375	.00814	.00845	.01069	.00147	.00525	.00461	.00857	.01174	.00538

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.051	-1.981	1.92928	-.45813	-.35329	-.52557	.12036	-.39768	-.36118	-.57480	-.47389	-.38933
1.049	.002	1.97726	-.44226	-.33667	-.50829	.11994	-.38437	-.34631	-.56416	-.46012	-.37272
1.050	2.007	2.01050	-.42478	-.32052	-.48507	.12279	-.36695	-.33071	-.54445	-.44055	-.35739
1.049	4.009	2.02564	-.40668	-.30213	-.46338	.12698	-.35509	-.31316	-.52246	-.41649	-.34670
1.051	6.077	2.04522	-.38927	-.28138	-.44407	.13360	-.34400	-.29620	-.50066	-.39521	-.33622
1.050	7.994	1.99357	-.37940	-.26214	-.42642	.12670	-.33625	-.28877	-.48622	-.38058	-.33500
1.050	9.971	1.99066	-.36259	-.24186	-.40661	.13555	-.32746	-.27644	-.47973	-.36526	-.33185
1.050	11.999	1.96371	-.34298	-.22732	-.38578	.14886	-.32090	-.27314	-.46899	-.35632	-.32231
1.049	13.935	1.98218	-.33104	-.20812	-.37122	.16093	-.32259	-.27328	-.46525	-.35272	-.31925
1.049	15.931	1.97994	-.31150	-.19708	-.35319	.16791	-.32325	-.27537	-.46308	-.34568	-.31425
1.049	17.964	2.00411	-.29847	-.18721	-.34019	.18264	-.32511	-.28165	-.45824	-.35768	-.31164
1.050	18.963	2.01906	-.29448	-.18268	-.33409	.18792	-.32407	-.28362	-.46579	-.35664	-.31091
	GRADIENT	.01613	.00860	.00849	.01050	.00114	.00727	.00799	.00885	.00960	.00717

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.100	-2.011	1.95504	-.37760	-.27315	-.44772	.10940	-.33348	-.29007	-.43836	-.39367	-.32977
1.100	.036	1.98418	-.36040	-.25626	-.42909	.11137	-.31571	-.27200	-.48622	-.37901	-.30831
1.099	1.984	2.01570	-.34474	-.24042	-.40732	.11239	-.29855	-.25926	-.46880	-.36310	-.29395
1.099	4.064	1.99558	-.32457	-.22297	-.38438	.12071	-.28396	-.23894	-.44593	-.34069	-.28162
1.101	6.016	2.09978	-.30905	-.20200	-.36805	.12956	-.27577	-.22361	-.42909	-.32151	-.27455
1.099	7.998	2.01478	-.29978	-.18554	-.35402	.13508	-.26844	-.21877	-.41938	-.30885	-.27232
1.101	9.959	1.95867	-.28180	-.16379	-.33254	.14821	-.25645	-.20428	-.40461	-.29143	-.26428
1.100	11.929	1.93488	-.26704	-.15595	-.31630	.15404	-.25161	-.20629	-.39962	-.28881	-.25745
1.100	13.880	1.90402	-.25412	-.13631	-.30154	.16665	-.25227	-.20509	-.39677	-.28514	-.25527
1.101	15.863	1.92891	-.23702	-.12607	-.28467	.17386	-.25349	-.20776	-.39478	-.28042	-.25085
1.100	17.929	1.91656	-.22561	-.11940	-.27272	.19342	-.25619	-.21608	-.38995	-.29329	-.24706
	GRADIENT	.00754	.00867	.00825	.01050	.00174	.00821	.00824	.00866	.00867	.00787

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.149	-1.946	2.00096	-.33140	-.23156	-.39898	.12024	-.28593	-.26104	-.44557	-.35627	-.27866
1.151	.041	2.04945	-.31331	-.21417	-.38300	.12479	-.27037	-.24716	-.43367	-.34201	-.26144
1.149	2.010	2.03887	-.29694	-.19693	-.36307	.12489	-.24761	-.23267	-.41543	-.32982	-.24226
1.150	4.046	2.06342	-.27671	-.17896	-.34004	.13037	-.23512	-.21215	-.39404	-.31151	-.23004
1.150	6.022	2.08110	-.25857	-.16164	-.31885	.13813	-.22940	-.18953	-.37286	-.28757	-.22624
1.149	7.940	2.02883	-.24546	-.14507	-.30694	.14802	-.22315	-.17878	-.36519	-.26427	-.22193
1.151	9.996	1.80510	-.22628	-.12541	-.28218	.16150	-.20924	-.17318	-.34982	-.24952	-.21576
1.150	11.910	1.87832	-.21313	-.11248	-.26710	.17211	-.20520	-.16579	-.34863	-.23581	-.21033
1.150	13.852	1.88880	-.19928	-.09590	-.25269	.18511	-.20381	-.16357	-.34280	-.22861	-.20784
1.149	15.884	1.92111	-.18249	-.08516	-.23562	.19489	-.20501	-.16309	-.33908	-.22042	-.20184
1.150	17.883	1.90698	-.15871	-.07441	-.22042	.21233	-.20394	-.16840	-.32277	-.22461	-.19550
	GRADIENT	.00887	.00905	.00878	.00987	.00153	.00878	.00809	.00867	.00735	.00827

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.200	-2.026	2.04124	-.28602	-.19203	-.36738	.12618	-.26665	-.23222	-.42089	-.31852	-.28012
1.200	.095	2.05843	-.26770	-.17208	-.35179	.12840	-.24777	-.21656	-.40938	-.30861	-.25609
1.200	1.941	2.07839	-.25029	-.15580	-.33596	.13079	-.22954	-.20294	-.39353	-.29579	-.23784
1.201	4.006	2.06536	-.23094	-.14130	-.31692	.13275	-.21533	-.18327	-.37343	-.28243	-.21901
1.200	6.036	2.07288	-.21734	-.12248	-.29307	.13504	-.20659	-.16716	-.34719	-.26373	-.21272
1.199	7.909	1.93482	-.19462	-.10750	-.27398	.14611	-.19227	-.16173	-.33552	-.24515	-.19458
1.201	9.941	1.95029	-.18509	-.08797	-.24946	.15880	-.17485	-.15601	-.31235	-.23154	-.18069
1.199	11.883	1.84912	-.17211	-.07822	-.22562	.17139	-.16431	-.15143	-.30186	-.21749	-.16851
1.199	13.868	1.88859	-.15493	-.06042	-.20969	.18469	-.16098	-.14568	-.29448	-.20946	-.16653
1.199	15.898	1.90334	-.14104	-.05080	-.18889	.19302	-.15790	-.14480	-.28326	-.20249	-.16317
1.200	17.950	1.91843	-.12599	-.04154	-.17215	.20904	-.15311	-.14624	-.27264	-.20603	-.15458
	GRADIENT	.00460	.00916	.00845	.00838	.00111	.00863	.00805	.00792	.00606	.01011

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.299	-1.986	2.02750	-.22139	-.14232	-.30965	-.25087	-.23023	-.20238	-.36261	-.26759	-.25992
1.300	-.006	2.04150	-.20066	-.12341	-.29597	-.23959	-.21638	-.18163	-.34222	-.25629	-.24169
1.300	2.003	2.03338	-.18697	-.10225	-.28116	-.22663	-.20159	-.16353	-.33134	-.24684	-.21656
1.300	4.023	2.04025	-.17015	-.07982	-.26036	-.21535	-.18999	-.15100	-.31524	-.23384	-.20003
1.301	6.014	2.10931	-.14733	-.04415	-.25069	-.20345	-.16742	-.14410	-.30490	-.23144	-.18032
1.301	7.960	2.00726	-.13473	-.04667	-.21888	-.17808	-.15103	-.12195	-.28517	-.20371	-.16709
1.300	9.956	1.96155	-.11016	-.03309	-.20435	-.17138	-.13799	-.12566	-.27959	-.18775	-.14969
1.300	11.944	1.91578	-.10515	-.03132	-.18740	-.16344	-.12948	-.11225	-.26171	-.17603	-.13192
1.299	13.928	1.93449	-.09763	-.01515	-.17236	-.14409	-.12513	-.11223	-.24579	-.17254	-.12064
1.300	15.933	1.95157	-.08915	-.01752	-.16166	-.14145	-.12853	-.11244	-.23462	-.17370	-.11536
1.300	17.979	1.95510	-.09315	-.02773	-.14989	-.12618	-.14277	-.12926	-.23345	-.17936	-.11421
	GRADIENT	.00150	.00945	.01042	.00812	.00597	.00676	.00859	.00763	.00553	.01022

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 935.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.400	-1.935	1.89879	-.15718	-.07887	-.25051	-.19066	-.18019	-.14856	-.30268	-.21661	-.21357
1.400	.005	1.96467	-.13891	-.05774	-.24138	-.17925	-.16277	-.13084	-.29183	-.20433	-.19041
1.400	1.991	1.97669	-.12319	-.04043	-.22095	-.16703	-.14736	-.11823	-.27982	-.19388	-.17389
1.400	4.002	2.01635	-.11097	-.02672	-.20992	-.15426	-.13773	-.10570	-.25964	-.18197	-.15910
1.399	6.067	2.08551	-.08789	-.01263	-.19126	-.14515	-.12118	-.08976	-.24979	-.16507	-.13936
1.400	8.005	2.04772	-.07335	.00142	-.17042	-.13559	-.11283	-.08720	-.24509	-.16232	-.12667
1.400	10.062	2.06657	-.07035	.00711	-.15927	-.12097	-.09673	-.07133	-.23405	-.14200	-.11086
1.399	11.982	1.97922	-.05999	.00966	-.14368	-.11476	-.09246	-.07216	-.22528	-.14044	-.10060
1.400	13.953	1.99731	-.06331	.01396	-.13599	-.10827	-.10376	-.08005	-.21861	-.13304	-.09555
1.400	15.999	2.02063	-.06668	-.00204	-.12469	-.09530	-.11883	-.09343	-.20811	-.13235	-.09804
1.400	17.976	2.03245	-.07460	-.03659	-.11712	-.08776	-.14358	-.11364	-.20360	-.12563	-.09650
	GRADIENT	.01839	.00779	.00877	.00719	.00613	.00721	.00713	.00714	.00578	.00908

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.549	-1.816	1.87177	-.10342	-.01929	-.21070	-.13349	-.13864	-.09757	-.28046	-.16720	-.17646
1.550	.129	1.85364	-.07700	-.00415	-.19900	-.13500	.12620	-.08507	-.25649	-.16083	-.16250
1.551	2.137	1.87140	-.06632	.01389	-.18842	-.12532	-.12159	-.07818	-.24501	-.15085	-.14426
1.550	4.139	1.88668	-.06195	.01548	-.17463	-.11879	-.11378	-.07128	-.22905	-.13767	-.12947
1.550	6.194	1.94955	-.04989	.03039	-.15746	-.10323	-.09663	-.06492	-.21155	-.13544	-.10944
1.550	8.094	1.95764	-.04492	.02338	-.13182	-.08953	-.08990	-.05355	-.19047	-.12446	-.09316
1.550	10.106	1.95235	-.03726	.01769	-.11612	-.09444	-.08439	-.06643	-.18070	-.11795	-.08068
1.550	11.921	2.02005	-.04280	-.00194	-.09907	-.00971	-.09769	-.07683	-.17083	-.12343	-.07368
1.551	13.891	2.06119	-.05334	-.02099	-.09095	-.07747	-.11433	-.09092	-.16502	-.11598	-.07220
1.550	15.882	2.07760	-.06562	-.04122	-.08988	-.07483	-.13702	-.11364	-.16038	-.10664	-.07305
1.550	17.910	2.10242	-.08801	-.05856	-.09580	-.07410	-.15079	-.11731	-.14878	-.10176	-.08406
	GRADIENT	.00317	.00678	.00615	.00598	.00271	.00398	.00431	.00833	.00496	.00801

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.260	7.995	.04279	-.13665	-.07692	-.20987	-.22174	-.13823	-.16604	-.27995	-.25523	-.15354
1.260	11.981	.05197	-.10414	-.04262	-.17416	-.18659	-.10832	-.14052	-.24956	-.22454	-.13325
1.261	15.954	.03738	-.08664	-.02076	-.13384	-.14818	-.09081	-.12240	-.22557	-.20437	-.10609
1.260	17.997	.04313	-.08438	-.02504	-.13760	-.13270	-.10804	-.12502	-.21370	-.20303	-.09621
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.280	7.973	.02796	-.12055	-.07300	-.20500	-.20176	-.13400	-.14688	-.25849	-.23390	-.13791
1.279	12.004	.03705	-.09335	-.04462	-.17432	-.16357	-.10998	-.11791	-.22812	-.20528	-.10806
1.280	16.026	.02301	-.06812	-.03650	-.14931	-.13774	-.11548	-.10396	-.20920	-.18173	-.09847
1.281	17.973	.02022	-.06548	-.04778	-.14633	-.13188	-.12471	-.11813	-.21722	-.17903	-.11526
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.300	7.980	.02181	-.11045	-.07810	-.20495	-.19998	-.14002	-.13752	-.25995	-.22679	-.13553
1.299	12.031	.02820	-.08613	-.05612	-.16954	-.16117	-.11941	-.12037	-.23201	-.19947	-.11520
1.300	15.998	.01741	-.07695	-.06423	-.14361	-.13297	-.12064	-.12159	-.21796	-.18253	-.09243
1.299	18.005	.01597	-.07753	-.07116	-.13321	-.12720	-.12728	-.13951	-.21016	-.17589	-.09272
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.321	7.999	.01218	-.09325	-.05607	-.19707	-.18895	-.13515	-.13669	-.25774	-.20993	-.14452
1.320	11.971	.02323	-.06880	-.03852	-.15444	-.16023	-.11013	-.11021	-.23334	-.17311	-.12035
1.320	16.033	.01317	-.06330	-.03428	-.13653	-.14117	-.10274	-.10800	-.21427	-.16175	-.09997
1.320	17.990	.01124	-.07848	-.05053	-.12480	-.13206	-.11774	-.12215	-.20762	-.16997	-.09998
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.340	7.967	.00302	-.07910	-.05818	-.17508	-.19884	-.11671	-.15064	-.24283	-.22428	-.12945
1.341	12.003	.01522	-.06485	-.04040	-.14276	-.16666	-.08563	-.12975	-.21683	-.20081	-.10473
1.340	16.031	.00754	-.05049	-.03754	-.12006	-.14085	-.09488	-.13269	-.20166	-.18133	-.08288
1.340	17.999	.00102	-.05893	-.05089	-.10591	-.12982	-.10722	-.14939	-.19448	-.17794	-.08636
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (OVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.360	7.963	-.01273	-.07110	-.03415	-.16938	-.18226	-.11617	-.13146	-.22738	-.21515	-.11600
1.360	12.007	-.01788	-.04462	-.01505	-.13530	-.15258	-.09924	-.11283	-.20494	-.18925	-.09159
1.361	16.017	-.00678	-.05309	-.01728	-.10659	-.12588	-.10246	-.11860	-.18785	-.17192	-.08276
1.361	18.000	-.00465	-.06559	-.03840	-.10672	-.11798	-.12521	-.13161	-.17612	-.16767	-.08206
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.380	7.969	-.03249	-.06429	-.02201	-.15971	-.16972	-.09693	-.12733	-.22385	-.19850	-.12021
1.380	11.979	-.01570	-.03898	-.00750	-.14198	-.13543	-.08197	-.10754	-.19304	-.17684	-.09009
1.380	16.017	-.02373	-.04760	-.02440	-.10937	-.11604	-.09750	-.11821	-.18483	-.16433	-.06864
1.380	17.982	-.02411	-.06969	-.04712	-.10303	-.10912	-.11719	-.13244	-.17401	-.15642	-.08442
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.400	7.959	-.04207	-.04401	-.00916	-.14653	-.15599	-.09178	-.10844	-.20780	-.18161	-.10732
1.400	11.972	-.02891	-.03373	-.00145	-.12109	-.12773	-.06864	-.08958	-.19296	-.16220	-.07759
1.401	15.967	-.03620	-.03728	-.02181	-.09987	-.10857	-.09918	-.10442	-.17847	-.14709	-.08381
1.400	18.000	-.03889	-.05583	-.04753	-.09522	-.10677	-.12001	-.12755	-.17177	-.14356	-.08231
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
1.451	8.074	-.12694	-.03567	-.01819	-.13015	-.13766	-.07498	-.09683	-.20910	-.16792	-.08366
1.450	11.939	-.05444	-.04131	-.01699	-.10417	-.11657	-.06741	-.08551	-.19076	-.15880	-.06519
1.450	16.053	-.11582	-.05606	-.03971	-.08432	-.10366	-.10430	-.12160	-.17309	-.14109	-.05618
1.450	18.065	-.11545	-.06973	-.07228	-.08680	-.09638	-.14200	-.15157	-.16773	-.13605	-.06270
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (OVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.199	-3.797	.10715	-.41307	-.36077	-.25257	-.24778	-.21963	-.20672	-.28751	-.25459	-.21549
.200	-1.827	.10769	-.41455	-.35813	-.25037	-.24344	-.22841	-.21556	-.27214	-.24587	-.21561
.199	.128	.10926	-.41154	-.35060	-.24903	-.24208	-.24440	-.22500	-.26651	-.24235	-.22070
.200	2.188	.11057	-.40559	-.34951	-.24671	-.23982	-.24859	-.23152	-.26835	-.24009	-.22294
.200	4.178	.11165	-.41412	-.36437	-.26129	-.25222	-.28694	-.25687	-.27217	-.25032	-.23963
.201	6.184	.11272	-.40042	-.34052	-.24496	-.24453	-.26606	-.25343	-.26429	-.23411	-.22139
.200	8.191	.11390	-.41991	-.36155	-.26502	-.26027	-.29498	-.28222	-.29104	-.25838	-.24553
.200	10.196	.11508	-.41867	-.36262	-.27068	-.26376	-.30485	-.28998	-.29447	-.26621	-.25124
.201	12.206	.11617	-.43072	-.36860	-.27724	-.27035	-.31975	-.30070	-.31374	-.27921	-.26007
.201	14.201	.11743	-.44488	-.37429	-.28950	-.28046	-.33835	-.32576	-.32596	-.29360	-.26807
.201	16.191	.11849	-.44534	-.39171	-.30244	-.29979	-.36212	-.34737	-.36689	-.31941	-.28525
	GRADIENT	.00060	.00034	.00006	-.00069	-.00027	-.00776	-.00583	.00171	.00071	-.00279

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.249	-3.792	.10600	-.40302	-.35063	-.24006	-.23745	-.20706	-.19631	-.27069	-.24427	-.20291
.250	-1.773	.10662	-.39883	-.34464	-.23917	-.22792	-.21507	-.20223	-.26091	-.23252	-.20229
.250	.184	.10813	-.38902	-.33912	-.23356	-.22665	-.22679	-.21179	-.24230	-.22691	-.20316
.250	2.014	.04949	-.38569	-.33591	-.23058	-.22800	-.23248	-.22184	-.25012	-.22394	-.20674
.250	4.008	.05110	-.38195	-.33445	-.22723	-.22682	-.25501	-.22498	-.24888	-.22277	-.20992
.249	6.214	.11235	-.38921	-.33475	-.23525	-.23048	-.25893	-.24823	-.25493	-.22639	-.21125
.249	8.120	.11321	-.39210	-.34192	-.24230	-.23752	-.27254	-.25966	-.26419	-.23779	-.22700
.249	10.135	.11312	-.39574	-.34770	-.24582	-.24538	-.28263	-.27192	-.26554	-.24130	-.23050
.248	12.159	.11290	-.40881	-.35395	-.26035	-.25551	-.30610	-.29316	-.29774	-.26458	-.24715
.248	14.153	.11259	-.43498	-.36473	-.27987	-.26622	-.32783	-.31270	-.31729	-.28628	-.26226
.247	16.205	.11093	-.42625	-.37979	-.29213	-.28720	-.35368	-.33846	-.35637	-.30742	-.27882
	GRADIENT	-.00853	.00285	.00212	.00176	.00110	-.00585	-.00396	.00283	.00267	-.00095

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (OVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.398	-3.955	.08474	-.41422	-.35859	-.24808	-.23893	-.20856	-.19673	-.27652	-.24466	-.20442
.398	-1.919	.08234	-.41069	-.35727	-.24574	-.23769	-.22041	-.20641	-.26326	-.23796	-.20646
.399	.045	.08365	-.40566	-.35026	-.24347	-.23328	-.23234	-.21731	-.25874	-.23463	-.21194
.400	2.049	.08145	-.40582	-.35062	-.24529	-.23514	-.23961	-.22464	-.25943	-.23324	-.21712
.401	4.068	.08041	-.39819	-.34642	-.24363	-.23458	-.26275	-.23491	-.25664	-.23162	-.21879
.401	6.054	.08020	-.40951	-.35340	-.25057	-.24475	-.27185	-.25603	-.26899	-.24071	-.22788
.401	10.066	.08022	-.41252	-.36091	-.26493	-.25588	-.29686	-.28310	-.29188	-.25724	-.24232
.401	14.041	.08049	-.44332	-.37451	-.28820	-.27803	-.33301	-.32035	-.32378	-.29339	-.26557
.400	18.068	.08197	-.46417	-.40470	-.32122	-.31527	-.38677	-.37624	-.37646	-.34912	-.30496
	GRADIENT	-.00048	.00185	.00155	.00047	.00056	-.00638	-.00473	.00218	.00154	-.00197

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (OVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.601	-1.984	-.03546	-.45333	-.39600	-.25994	-.25330	-.23127	-.21698	-.28274	-.25358	-.21858
.602	2.113	-.03681	-.44623	-.38810	-.26082	-.25266	-.25590	-.24066	-.27838	-.24935	-.23146
.603	6.096	-.03828	-.44964	-.38846	-.26896	-.26079	-.28767	-.27400	-.28703	-.25697	-.24373
.603	10.092	-.03644	-.45527	-.39741	-.28713	-.27795	-.31700	-.30443	-.31384	-.28081	-.26559
.602	14.084	-.03439	-.48274	-.41587	-.31641	-.30817	-.36439	-.35333	-.35612	-.32342	-.29682
.600	18.076	-.02931	-.51117	-.44350	-.35711	-.34928	-.42538	-.41329	-.41147	-.37962	-.33846
	GRADIENT	-.00033	.00173	.00193	-.00021	.00016	-.00601	-.00578	.00106	.00103	-.00314

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (OVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.701	-1.948	-.00591	-.49121	-.43176	-.26710	-.25881	-.23546	-.22160	-.28616	-.26075	-.22454
.703	2.092	-.00562	-.48560	-.42560	-.27114	-.26165	-.26345	-.24885	-.28600	-.25824	-.24028
.702	6.062	-.00736	-.49172	-.42674	-.28410	-.27417	-.30146	-.28811	-.30021	-.26872	-.25733
.701	10.088	-.00223	-.49835	-.43485	-.30712	-.29713	-.33480	-.32309	-.33071	-.29787	-.28400
.699	14.026	.00045	-.53010	-.45195	-.34164	-.33281	-.39797	-.37667	-.37772	-.34474	-.32133
.696	18.000	.00102	-.55105	-.47780	-.38889	-.37994	-.45626	-.44618	-.44228	-.40905	-.36970
	GRADIENT	.00007	.00139	.00153	-.00100	-.00070	-.00693	-.00675	.00004	.00062	-.00390

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (OVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.800	8.002	.04638	-.60416	-.51931	-.32664	-.31394	-.33776	-.32514	-.34586	-.31602	-.29808
.800	12.022	.04638	-.59318	-.51148	-.37381	-.35652	-.39460	-.38411	-.41633	-.38228	-.35221
.800	16.027	.04795	-.57999	-.50667	-.42015	-.40489	-.47040	-.46517	-.51724	-.46020	-.41663
.799	18.019	.05142	-.59816	-.50777	-.45075	-.43647	-.51942	-.51526	-.55105	-.50193	-.44514
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (OVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP111	CP112	CP113	CP114	CP115	CP116	CP117	CP118	CP119
.599	-4.003	-.03027	-.44578	-.41227	-.26308	-.24790	-.21004	-.20914	-.28941	-.26386	-.21318
.599	-1.912	-.03319	-.43897	-.40759	-.26085	-.24571	-.22172	-.22251	-.28072	-.25660	-.21714
.599	.098	-.03622	-.43146	-.40107	-.25795	-.24415	-.23324	-.23369	-.27447	-.25169	-.22127
.599	2.071	-.03665	-.42615	-.39911	-.25900	-.24419	-.24300	-.24144	-.27418	-.25072	-.22567
.600	4.096	-.04260	-.42140	-.39746	-.26146	-.24770	-.25521	-.25467	-.27760	-.25354	-.23158
.599	6.060	-.04286	-.42358	-.39990	-.26848	-.25398	-.27395	-.27677	-.28534	-.26019	-.23950
.600	8.066	-.04220	-.42204	-.40012	-.27259	-.25949	-.28472	-.28754	-.29407	-.26867	-.24808
.600	10.055	-.04178	-.42498	-.40637	-.28271	-.26924	-.30221	-.30537	-.30991	-.28145	-.25749
.599	12.082	-.04122	-.43525	-.41490	-.29620	-.28401	-.32449	-.32968	-.33190	-.30333	-.27425
.598	14.035	-.03831	-.44159	-.42723	-.31437	-.30281	-.35145	-.35937	-.35891	-.32790	-.29271
.599	16.091	-.03812	-.45321	-.43855	-.33185	-.31997	-.37716	-.38707	-.37959	-.35101	-.30960
	GRADIENT	-.00139	.00305	.00189	.00026	.00010	-.00553	-.00545	.00150	.00132	-.00225

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (PVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.202	-3.800	.12342	-.19069	-.20617	-.26660	.07743	.10641	2.19171
.200	-1.769	.11931	-.21033	-.21928	-.28544	.11765	.13805	2.16940
.200	.185	.11558	-.20419	-.20177	-.27200	.15100	.16445	2.17774
.200	2.183	.11190	-.20430	-.20868	-.27461	.18386	.19507	2.17467
.201	4.203	.10783	-.21029	-.21012	-.27337	.20012	.20673	2.18220
.200	6.211	.10813	-.22312	-.22068	-.28666	.19710	.20603	2.17475
.200	8.188	.10780	-.22249	-.21552	-.27908	.21483	.21473	2.17610
.200	10.192	.11433	-.24001	-.23302	-.29447	.19394	.19152	2.17517
.200	12.199	.10878	-.25725	-.24569	-.32317	.17513	.17955	2.17304
.200	14.190	.11150	-.25768	-.24384	-.31677	.16102	17000	2.17374
.200	16.206	.11339	-.27632	-.26243	-.33786	.12992	.13439	2.17030
.199	18.545	.11660	-.30126	-.28276	-.35833	.07135	.09186	2.17097
	GRADIENT	-.00193	-.00167	.00012	-.00015	.01961	.01291	-.00070

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (PVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.250	-3.994	.04844	-.18356	-.20715	-.25690	.08196	.11858	1.87849
.251	-1.991	.04767	-.18136	-.19408	-.24782	.13190	.14040	1.88097
.251	-.002	.04780	-.19021	-.20296	-.25896	.17745	.18162	1.87879
.252	2.006	.04717	-.18988	-.20040	-.25601	.19442	.20281	1.88413
.252	4.003	.04770	-.19597	-.20435	-.26205	.20722	.21346	1.88410
.252	6.015	.04789	-.20599	-.21009	-.27411	.21591	.21575	1.88265
.252	8.011	.04951	-.21465	-.21660	-.27623	.21900	.21459	1.88373
.249	10.215	.10299	-.21732	-.21715	-.26954	.21180	.21383	1.86280
.248	12.197	.09914	-.23219	-.22763	-.30002	.19052	.19476	1.85622
.248	14.193	.09332	-.25267	-.25030	-.30946	.16935	.17360	1.85788
.248	16.215	.12333	-.25964	-.25506	-.32534	.14160	.14369	1.85476
.248	18.193	.09355	-.27567	-.26716	-.33686	.09850	.10500	1.85668
.248	18.546	.09286	-.27843	-.27166	-.33963	.09366	.10017	1.85660
	GRADIENT	-.00010	-.00167	-.00003	-.00092	.01566	.01261	.00072

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.398	-3.921	.09254	-.19541	-.20507	-.26944	.08711	.12193	2.31115
.399	-1.992	.08904	-.20026	-.20478	-.26927	.13459	.15555	2.14655
.400	.004	.08506	-.20187	-.20287	-.26938	.17444	.18479	2.15189
.401	1.955	.08228	-.20543	-.20295	-.26921	.19151	.20645	2.15604
.402	4.038	.07868	-.21098	-.20735	-.27236	.21207	.22002	2.15255
.402	6.021	.07456	-.21680	-.20971	-.27793	.22195	.22640	2.15539
.402	8.027	.07702	-.22502	-.21563	-.28612	.21807	.21676	2.15146
.402	10.060	.07771	-.23949	-.22894	-.29590	.20999	.21098	2.15172
.403	12.046	.07004	-.24671	-.23273	-.31451	.20078	.19948	2.15295
.403	14.047	.06997	-.26309	-.24798	-.32271	.17425	.17757	2.15488
.404	16.044	.06971	-.28194	-.26344	-.34594	.14483	.14931	2.15678
.404	18.457	.06756	-.29780	-.27470	-.35723	.09363	.10958	2.16030
	GRADIENT	-.00173	-.00183	-.00014	-.00039	.01541	.01241	-.01535

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (PVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.600	-3.926	-.04180	-.20277	-.21628	-.28679	.10895	.14165	2.50228
.600	-1.919	-.04183	-.20609	-.21484	-.28621	.15780	.17685	2.49713
.600	.047	-.02173	-.20996	-.21459	-.28863	.19465	.20339	2.49913
.600	2.062	-.04339	-.21620	-.21809	-.29146	.21314	.22255	2.49596
.600	4.067	-.02457	-.22321	-.22168	-.29442	.23385	.23914	2.49532
.601	6.039	-.03523	-.23074	-.22511	-.30291	.23884	.24273	2.50302
.602	8.092	-.03356	-.24032	-.23196	-.30978	.23953	.24274	2.50171
.599	10.057	-.03304	-.25177	-.24404	-.31554	.23007	.23058	2.49315
.600	12.033	-.02579	-.26771	-.25448	-.34249	.21916	.22036	2.48996
.599	14.076	-.01852	-.28642	-.27039	-.34970	.19564	.19755	2.48822
.598	16.041	-.04037	-.30354	-.28535	-.37121	.16659	.17199	2.48137
.599	18.555	-.03640	-.32798	-.30441	-.39448	.11893	.12914	2.49451
	GRADIENT	.00164	-.00255	-.00070	-.00103	.01528	.01205	-.00076

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.698	-4.032	.02723	-.20667	-.22478	-.29431	.12710	.16047	2.48694
.700	-1.862	-.01281	-.21177	-.22131	-.29662	.18302	.19924	2.49303
.702	.106	-.01359	-.21563	-.22511	-.30051	.21989	.22634	2.50404
.702	2.124	.00724	-.22338	-.22563	-.30421	.23780	.24485	2.50019
.702	4.128	-.01371	-.23223	-.23266	-.30860	.25760	.26220	2.50673
.702	6.108	.00084	-.24300	-.23859	-.31908	.26159	.26500	2.49821
.701	8.109	-.00470	-.25433	-.24575	-.32561	.26094	.26254	2.50037
.701	10.053	-.00545	-.26848	-.25924	-.33236	.25279	.25258	2.50449
.700	12.059	.00385	-.28563	-.27149	-.36496	.24113	.24155	2.49600
.698	14.072	-.00970	-.30679	-.28840	-.37218	.21994	.22280	2.49929
.697	16.054	-.00664	-.32867	-.30590	-.39744	.19296	.19647	2.49083
.700	18.597	-.00415	-.36255	-.33079	-.42791	.14658	.15555	2.49707
	GRADIENT	-.00311	-.00309	-.00098	-.00178	.01560	.01229	.00231

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (PVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.797	-4.033	.03576	-.20569	-.22532	-.30348	.16316	.19434	2.49872
.800	-1.961	.03773	-.21021	-.22752	-.30790	.21575	.23413	2.50861
.801	.024	.03749	-.21895	-.23025	-.31609	.25340	.26138	2.50831
.802	1.998	.03620	-.23076	-.23879	-.32529	.27063	.27806	2.50408
.799	4.038	.05047	-.24434	-.25021	-.33227	.28748	.29164	2.49511
.799	5.997	.05202	-.26083	-.25954	-.34820	.29186	.29822	2.49441
.799	8.010	.04222	-.28101	-.27695	-.36463	.29055	.29637	2.49175
.799	10.015	.04615	-.30200	-.29575	-.37863	.28379	.28630	2.50300
.798	11.997	.05414	-.32955	-.31779	-.42940	.27114	.27312	2.49981
.799	14.004	.03374	-.36031	-.34799	-.44478	.25522	.25666	2.49792
.799	15.993	.04293	-.38735	-.36953	-.47721	.23086	.23944	2.50172
.800	17.991	.04556	-.41800	-.40619	-.52758	.19735	.20761	2.49740
	GRADIENT	.00139	-.00486	-.00303	-.00373	.01511	.01188	-.00058

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 I (PVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.599	-3.401	-.21175	-.20878	-.21552	-.28384	.13718	.13983	2.49086
.598	-1.403	-.16908	-.21551	-.21672	-.28777	.18191	.17764	2.49432
.599	.646	-.12516	-.21727	-.21642	-.28875	.20989	.20698	2.49594
.599	2.654	-.08287	-.22518	-.21953	-.29313	.22543	.22663	2.49868
.599	4.671	-.04033	-.23196	-.22420	-.29610	.23744	.24208	2.48849
.600	6.702	.00224	-.23869	-.22823	-.30862	.24237	.24698	2.49754
	GRADIENT	.02124	-.00277	-.00100	-.00148	.01208	.01255	-.00002

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (PVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.402	8.090	.07801	-.22469	-.21990	-.28588	.22596	.22002	2.18544
.402	10.029	.07122	-.23202	-.22492	-.28964	.21449	.21318	2.17844
.398	12.103	.07898	-.24594	-.23400	-.31293	.19878	.20216	2.14869
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.205	-1.736	.10781	-.21242	-.22063	-.27838	.08688	.12389	2.40829
.203	.234	.10590	-.20516	-.21562	-.27448	.12723	.15860	2.38372
.201	2.291	.10653	-.21160	-.22227	-.28225	.14853	.17404	2.36240
.199	4.149	.10717	-.22428	-.22642	-.28770	.16555	.19378	2.33640
.198	6.163	.10813	-.23494	-.22831	-.30276	.18355	.18989	2.33597
.199	8.167	.10866	-.23781	-.23340	-.30309	.17626	.17823	2.34242
.199	10.177	.10863	-.24116	-.23891	-.30664	.18737	.18715	2.33698
.200	12.191	.10791	-.25804	-.25148	-.34236	.16848	.17044	2.34908
.200	14.188	.10786	-.27433	-.26351	-.33012	.14278	.13832	2.35717
.200	16.186	.10768	-.28458	-.27591	-.35119	.12005	.12422	2.35413
	GRADIENT	-.00007	-.00211	-.00121	-.00181	.01307	.01142	-.01201

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.249	-1.876	.11068	-.19265	-.20113	-.25949	.11806	.16110	1.87150
.252	.057	.05129	-.19530	-.19940	-.26109	.14455	.18264	1.88366
.250	1.995	.05179	-.18835	-.18606	-.25275	.18761	.21967	1.87177
.250	4.120	.11117	-.19709	-.19478	-.25962	.19565	.22353	1.86675
.249	6.124	.11102	-.20479	-.19813	-.26537	.20884	.23031	1.86297
.250	8.170	.11119	-.21355	-.20693	-.27163	.21066	.23847	1.86730
.250	10.164	.11133	-.23273	-.22393	-.28871	.20054	.22407	1.86601
.250	12.193	.11155	-.24058	-.22964	-.31369	.18773	.20909	1.86664
.250	14.177	.11119	-.25378	-.23851	-.30544	.17088	.19875	1.86397
.251	15.988	.05039	-.26508	-.25420	-.32488	.13904	.16671	1.86987
	GRADIENT	.00039	-.00035	.00158	.00037	.01376	.01119	-.00134

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.396	-3.998	.07576	-.19703	-.20645	-.26803	.07199	.10980	2.18286
.397	-1.853	.07473	-.20089	-.20556	-.26937	.11243	.14891	2.17388
.398	.077	.07433	-.20336	-.20213	-.27028	.14820	.17505	2.17343
.398	2.150	.07357	-.21110	-.20402	-.27197	.17811	.19899	2.17359
.399	4.000	.07232	-.21397	-.20571	-.27718	.19636	.20902	2.17001
.399	6.023	.07741	-.21421	-.20481	-.27719	.21328	.21887	2.17159
.399	8.015	.07766	-.22402	-.21578	-.28710	.21703	.21795	2.16784
.399	10.050	.07656	-.23852	-.22207	-.29345	.20524	.20618	2.16369
.400	12.038	.08017	-.24932	-.23409	-.32508	.19423	.19868	2.16480
.400	14.016	.08562	-.26685	-.24927	-.31929	.17456	.18137	2.16274
.399	16.046	.08973	-.27987	-.25990	-.33946	.14744	.15196	2.15799
	GRADIENT	-.00040	-.00221	.00016	-.00104	.01576	.01247	-.00131

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.597	-3.912	-.03110	-.21016	-.21858	-.29143	.09295	.13528	3.32060
.598	-1.986	-.03398	-.21180	-.21617	-.29025	.12791	.16602	3.32890
.599	.064	-.03601	-.21683	-.21617	-.29477	.16759	.19562	3.32641
.599	2.044	-.03658	-.22246	-.21776	-.29603	.19312	.21514	3.32006
.600	4.048	-.03948	-.22859	-.21938	-.29888	.21462	.23202	3.32793
.600	6.067	-.04003	-.23647	-.22678	-.30859	.22719	.23653	3.33468
.600	8.052	-.03974	-.24692	-.23419	-.31563	.22902	.23336	3.33139
.599	10.064	-.03939	-.25897	-.24316	-.32489	.22468	.22954	3.32327
.599	12.054	-.03830	-.27459	-.25525	-.34857	.21360	.21696	3.32253
.599	14.089	-.03841	-.29124	-.26890	-.35103	.19472	.20011	3.32651
.598	16.036	-.03823	-.31172	-.28726	-.37630	.16867	.17158	3.31983
	GRADIENT	-.00097	-.00238	-.00016	-.00104	.01546	.01216	.00029

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.699	-1.948	-.00568	-.21347	-.22202	-.30141	.15098	.19151	3.56269
.700	.026	-.00576	-.21886	-.22243	-.30499	.19012	.21730	3.56741
.701	2.068	-.00435	-.22592	-.22616	-.31011	.21764	.23893	3.57533
.701	4.043	-.00724	-.23616	-.23144	-.31371	.23616	.25041	3.57702
.702	6.053	-.00528	-.24506	-.23789	-.32480	.24814	.25863	3.58769
.702	8.087	-.00535	-.25866	-.24943	-.33470	.25228	.26236	3.58800
.701	10.054	-.00446	-.27287	-.25949	-.34289	.24867	.25795	3.58467
.700	12.048	-.00496	-.29151	-.27399	-.36278	.23802	.24813	3.58293
.699	14.091	-.00420	-.31303	-.29090	-.37953	.21795	.22893	3.57761
.698	16.021	.00308	-.33576	-.30984	-.40406	.19604	.20541	3.57456
	GRADIENT	-.00016	-.00376	-.00160	-.00211	.01420	.00995	.00255

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.800	-1.928	.05483	-.21580	-.22862	-.31523	.18579	.22414	3.85546
.800	.088	.05206	-.22403	-.23128	-.32284	.21969	.24760	3.84872
.800	1.962	.05047	-.23501	-.23599	-.33027	.24636	.26726	3.84804
.799	3.918	.04433	-.24941	-.24587	-.33904	.26500	.28308	3.85313
.800	5.929	.04650	-.26814	-.26078	-.35694	.27682	.28585	3.85790
.800	7.964	.04279	-.28835	-.27889	-.37056	.28375	.28966	3.85467
.800	9.998	.04286	-.31235	-.29975	-.39459	.27922	.28444	3.85386
.800	11.984	.04583	-.33860	-.32217	-.43657	.26993	.27412	3.85197
.800	13.984	.05037	-.36557	-.34704	-.44966	.25507	.26102	3.85096
.800	16.014	.05429	-.39679	-.37580	-.49066	.22978	.23959	3.85075
	GRADIENT	-.00170	-.00575	-.00290	-.00406	.01363	.01013	-.00040

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.850	-1.986	.06616	-.18118	-.20712	-.30417	.20689	.24880	3.95782
.850	-.060	.11948	-.19046	-.21151	-.31531	.24246	.27101	3.95888
.850	1.941	.03653	-.20600	-.22087	-.32855	.26643	.29105	3.96085
.850	3.959	.04526	-.22556	-.23782	-.34572	.28598	.30506	3.96276
.850	5.921	.04847	-.24900	-.26224	-.38087	.29775	.30904	3.96241
.850	7.977	.10302	-.27356	-.29813	-.42483	.30415	.31154	3.96313
.850	9.994	.10677	-.29788	-.32601	-.43975	.30253	.30928	3.96299
.850	12.000	.05483	-.32637	-.34284	-.47093	.29367	.30109	3.96241
.850	13.998	.09916	-.39721	-.37669	-.47715	.27763	.28345	3.96382
.850	16.000	.04033	-.45687	-.43276	-.53328	.25606	.26450	3.96302
.850	18.007	.04174	-.48724	-.48550	-.58399	.22604	.23645	3.96390
	GRADIENT	-.00743	-.00751	-.00513	-.00696	.01315	.00951	.00085

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.902	-3.966	.12589	-.31375	-.11742	-.15154	.20527	.25538	4.10779
.903	-2.086	.11509	-.41138	-.16156	-.20531	.24004	.28047	4.10922
.902	-.097	.10329	-.40960	-.31442	-.40498	.27275	.30234	4.10642
.898	1.907	.12601	-.39925	-.37687	-.46518	.29522	.31707	4.10018
.900	3.946	.12018	-.40085	-.41113	-.48744	.31441	.33105	4.10496
.900	5.975	.08075	-.40262	-.42436	-.50362	.32563	.33682	4.10868
.899	7.994	.10163	-.40722	-.43926	-.52258	.33156	.33884	4.10552
.896	10.011	.09172	-.41582	-.45496	-.53224	.32824	.33312	4.08800
.901	12.003	.04933	-.42150	-.46375	-.54759	.32422	.32908	4.09439
.898	14.024	.07039	-.43333	-.47539	-.55433	.30844	.31212	4.08795
.895	15.974	.06310	-.44880	-.49436	-.57513	.28500	.29084	4.08022
.896	18.011	.05068	-.45863	-.50957	-.58809	.25693	.26673	4.08077
	GRADIENT	.00000	-.00803	-.04047	-.04694	.01377	.00946	-.00074

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.949	-1.976	.07630	-.42529	-.38591	-.45921	.27999	.31944	4.14992
.950	-.019	.02780	-.41364	-.39618	-.46675	.31327	.33977	4.13762
.950	1.978	.08004	-.40016	-.39631	-.46643	.33368	.35893	4.14221
.951	3.955	.03080	-.38873	-.39789	-.46494	.35354	.36899	4.13904
.950	6.019	.07584	-.38230	-.39785	-.46788	.35585	.37407	4.13628
.949	7.955	.07353	-.37839	-.39767	-.47365	.36903	.37550	4.14530
.949	9.976	.07278	-.37845	-.39745	-.46766	.36764	.37354	4.14306
.950	12.045	.06039	-.37909	-.40588	-.48241	.35934	.36437	4.14328
.950	13.979	.05329	-.38224	-.41107	-.48070	.34682	.34985	4.14129
.949	16.000	.02293	-.38760	-.42543	-.49398	.32807	.33084	4.13712
.949	17.985	.04456	-.39112	-.44116	-.50628	.29704	.30709	4.13466
	GRADIENT	-.00423	.00622	-.00182	-.00085	.01218	.00848	-.00141

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.978	-1.925	-.00323	-.40321	-.37389	-.44326	.30790	.34345	4.18099
.981	-.047	.02611	-.39137	-.38313	-.44939	.33675	.36299	4.17992
.980	1.955	.02747	-.38075	-.38234	-.44693	.35846	.38074	4.18723
.981	3.974	.02677	-.36837	-.37698	-.44059	.37455	.39172	4.19314
.979	6.033	.02427	-.35899	-.37409	-.43984	.38732	.39526	4.18757
.980	8.012	.01845	-.35320	-.37334	-.44377	.39134	.39758	4.18985
.979	9.979	-.01260	-.35375	-.36828	-.43540	.38938	.39366	4.18786
.980	12.042	.00313	-.34923	-.37191	-.44352	.38062	.38659	4.18711
.979	13.949	-.02737	-.35069	-.37508	-.44198	.36831	.37066	4.18579
.975	16.022	-.04187	-.35591	-.39368	-.45747	.34525	.34821	4.17830
.980	18.030	-.01021	-.35213	-.40214	-.46114	.31928	.32783	4.19887
	GRADIENT	.00458	.00584	-.00040	.00056	.01123	.00824	.00224

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.051	-1.965	-.02874	-.35395	-.34114	-.40264	.37706	.41205	3.81089
1.048	.092	-.04657	-.33538	-.33471	-.39550	.40301	.42739	3.80677
1.050	1.953	-.00823	-.31663	-.32633	-.38261	.42243	.44203	3.80778
1.049	3.969	-.02458	-.30702	-.31882	-.37578	.43788	.45096	3.80505
1.051	6.022	-.02959	-.29555	-.30703	-.36710	.44864	.45577	3.80933
1.050	8.021	-.04148	-.28803	-.30722	-.36733	.45012	.45458	3.80793
1.050	9.992	-.03040	-.28291	-.29854	-.35833	.44879	.45296	3.80928
1.049	12.003	-.05588	-.27888	-.30077	-.36065	.44350	.44382	3.80629
1.049	14.001	-.05704	-.27408	-.29745	-.35584	.43006	.42981	3.80621
1.049	16.023	-.05926	-.26890	-.30563	-.36138	.40950	.41106	3.80464
1.047	18.007	-.05240	-.26810	-.31410	-.36665	.38245	.38820	3.80312
	GRADIENT	.00248	.00811	.00383	.00474	.01027	.00668	-.00085

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.102	-4.231	.02364	-.31493	-.29738	-.35625	.39085	.43454	3.90798
1.097	-3.821	-.03837	-.31668	-.30218	-.35957	.39737	.43981	3.90342
1.100	-1.932	.05600	-.28768	-.28422	-.33898	.42078	.45889	3.90324
1.101	.131	.05050	-.26438	-.27195	-.32504	.44696	.47462	3.90029
1.099	2.006	-.02897	-.25068	-.26530	-.31719	.46502	.48528	3.91230
1.098	4.060	-.02636	-.24072	-.25736	-.30997	.47877	.49343	3.90740
1.098	6.010	-.01931	-.23294	-.24987	-.30393	.48809	.49822	3.90475
1.099	8.012	-.03436	-.22372	-.24597	-.30128	.48814	.49683	3.91502
1.098	9.988	-.03625	-.22208	-.24127	-.29644	.48509	.49154	3.90440
1.098	12.021	-.02056	-.21767	-.24279	-.29707	.47744	.48559	3.91137
1.098	14.008	.00772	-.21411	-.24202	-.29394	.46361	.47458	3.91581
1.097	15.982	-.03715	-.21237	-.24854	-.30086	.44788	.45692	3.90761
1.098	18.027	-.04283	-.20859	-.25210	-.30185	.42506	.43724	3.91057
	GRADIENT	-.00362	.00968	.00533	.00611	.01087	.00721	.00043

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-4.230	.03930	-.28128	-.26319	-.32499	.40970	.45569	3.90073
1.150	-2.009	.05902	-.26023	-.25019	-.31331	.43507	.47491	3.90733
1.150	.011	.05415	-.24110	-.23827	-.29841	.45797	.48757	3.90736
1.151	2.027	.05535	-.22205	-.21895	-.28181	.47393	.49768	3.90600
1.151	4.114	.05286	-.20965	-.21264	-.26804	.48737	.50363	3.90569
1.149	5.708	.03843	-.19988	-.19067	-.25723	.49289	.50555	3.90436
1.149	8.003	.03478	-.19061	-.18585	-.25348	.49543	.50643	3.90421
1.150	10.080	.05528	-.18438	-.18295	-.24471	.49229	.50107	3.90197
1.149	12.084	.04742	-.17639	-.17773	-.24182	.48647	.49666	3.90122
1.151	14.054	.05874	-.17031	-.18304	-.23243	.47591	.48778	3.89989
1.150	16.024	.03071	-.16376	-.17978	-.23847	.46380	.47593	3.90917
1.151	18.060	.05331	-.15737	-.19810	-.23828	.44637	.45854	3.90356
	GRADIENT	.00116	.00876	.00838	.00701	.00938	.00574	.00043

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.200	-4.090	.04524	-.25952	-.27639	-.30928	.41942	.45938	3.91928
1.197	-1.857	.05683	-.24164	-.25611	-.29559	.44070	.47720	3.91568
1.201	.004	.04500	-.22368	-.24463	-.27777	.45959	.48651	3.92225
1.198	2.104	.05922	-.20593	-.22069	-.26366	.47514	.49588	3.91414
1.203	4.006	.04687	-.18977	-.21208	-.24384	.48614	.49978	3.91593
1.202	6.042	.04720	-.17354	-.19613	-.23114	.49409	.50367	3.92128
1.201	8.046	.04632	-.16266	-.18958	-.22620	.49832	.50628	3.92397
1.199	10.042	.06992	-.15794	-.17624	-.21804	.49670	.50520	3.92280
1.203	12.036	.06136	-.14198	-.17619	-.20764	.49164	.50095	3.92502
1.201	14.011	.05374	-.13486	-.17128	-.19708	.48227	.49457	3.92246
1.200	16.020	.04726	-.12906	-.17068	-.20437	.47281	.48405	3.91862
1.200	18.002	.04626	-.12223	-.16627	-.19941	.45883	.47252	3.92024
	GRADIENT	.00033	.00869	.00816	.00806	.00834	.00496	-.00042

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.299	-1.931	.01934	-.20818	-.24664	-.26485	.45080	.50314	3.55386
1.299	-.060	.01592	-.19043	-.21788	-.24969	.46774	.51280	3.55564
1.299	1.936	.01753	-.17067	-.20458	-.23067	.48338	.52101	3.54809
1.300	4.028	.01133	-.15502	-.19004	-.21290	.49682	.52598	3.55373
1.299	5.939	.01910	-.14216	-.16322	-.19499	.50409	.53057	3.56400
1.300	7.974	.01730	-.12741	-.15431	-.18382	.50584	.53006	3.55419
1.299	9.940	.01724	-.11381	-.13753	-.17313	.50479	.52756	3.55419
1.300	12.007	.01774	-.09905	-.13717	-.15969	.50396	.52899	3.56229
1.300	13.936	.01556	-.09072	-.13665	-.15108	.49716	.52308	3.56073
1.299	15.981	.00760	-.08212	-.13070	-.14862	.49063	.51571	3.55660
1.301	17.985	.00472	-.08103	-.12441	-.14379	.47892	.50461	3.55533
	GRADIENT	-.00113	.00901	.00917	.00880	.00772	.00385	-.00039

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.400	-3.954	-.11036	-.20058	-.22781	-.24616	.43483	.48416	3.50818
1.400	-1.985	-.10562	-.18204	-.20918	-.23346	.44389	.49646	3.52002
1.399	-.031	-.08954	-.16405	-.19788	-.21766	.45769	.50927	3.51120
1.400	1.958	-.08402	-.14847	-.18423	-.20197	.47273	.52045	3.52096
1.399	3.976	-.07027	-.13074	-.16165	-.18598	.49264	.52863	3.51960
1.400	5.945	-.05978	-.11558	-.14248	-.17025	.50156	.53524	3.51868
1.401	8.006	-.04759	-.10130	-.12105	-.15771	.50596	.53851	3.51774
1.399	9.955	-.02642	-.08555	-.11535	-.14716	.50739	.53852	3.51754
1.401	11.966	-.01439	-.07273	-.10428	-.13840	.50366	.53596	3.51397
1.401	14.006	-.00833	-.06412	-.08992	-.12778	.50052	.53168	3.51262
1.400	15.969	.00264	-.06403	-.08694	-.12705	.49717	.52544	3.51900
1.399	18.004	.01303	-.06333	-.09308	-.12226	.48795	.51734	3.52202
	GRADIENT	.00514	.00875	.00795	.00767	.00730	.00570	.00120

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.548	-3.916	-.13817	-.14815	-.19272	-.19503	.44822	.47761	3.11358
1.549	-1.929	-.13804	-.13774	-.18330	-.18529	.46613	.49394	3.11436
1.550	.009	-.13527	-.12603	-.17286	-.17136	.47697	.50036	3.11371
1.551	2.017	-.13365	-.11019	-.15703	-.15996	.48812	.50925	3.11306
1.552	4.012	-.13305	-.08729	-.13730	-.14402	.50404	.51976	3.11367
1.551	6.030	-.13215	-.07650	-.11923	-.13324	.51609	.52705	3.11474
1.550	8.072	-.12939	-.06510	-.10182	-.12565	.52064	.53036	3.11421
1.549	10.056	-.12289	-.06098	-.09802	-.11774	.53086	.53737	3.11420
1.548	12.088	-.12164	-.05973	-.08759	-.11048	.53614	.54201	3.11267
1.547	14.077	-.12430	-.05722	-.08509	-.10481	.53094	.54032	3.11155
1.548	16.089	-.12482	-.05811	-.08913	-.09837	.52385	.53481	3.11468
	GRADIENT	.00074	.00754	.00693	.00643	.00675	.00503	-.00006

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (PVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.899	-3.948	.09855	-.20034	-.11345	-.14450	.20942	.25074	1.99489
.901	-2.075	.06819	-.33431	-.14450	-.18040	.24524	.28022	1.99782
.902	-.043	.06692	-.40006	-.23899	-.28348	.27614	.30300	2.00135
.899	1.912	.09827	-.39408	-.36037	-.44044	.30155	.32110	1.99447
.901	4.013	.07074	-.39519	-.41160	-.47980	.32020	.33415	1.99663
.901	5.955	.07160	-.39646	-.42338	-.49530	.33259	.34158	1.99711
.900	7.975	.07211	-.40120	-.43618	-.50756	.33908	.34251	1.99771
.899	9.994	.10249	-.40686	-.45119	-.51711	.33466	.33748	1.99644
.898	12.001	.10159	-.41841	-.46719	-.54383	.32607	.32705	1.99434
.896	13.988	.10029	-.42855	-.47740	-.54735	.31107	.31393	1.99307
.896	16.034	.10189	-.44128	-.49251	-.56480	.28936	.29409	1.99600
	GRADIENT	-.00127	-.02235	-.04082	-.04675	.01393	.01040	.00000

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.198	-3.971	.04792	-.25531	-.25990	-.29975	.42480	.46095	2.00675
1.201	-1.989	.04010	-.23736	-.24995	-.28305	.44827	.47871	1.99735
1.199	.078	.04963	-.21942	-.22882	-.26823	.46729	.49077	2.00112
1.202	2.000	.04339	-.20244	-.21659	-.25326	.48047	.49806	2.00381
1.199	4.043	.05307	-.18929	-.20030	-.23867	.49099	.50385	2.00061
1.201	6.037	.04176	-.17267	-.18688	-.22520	.49962	.50662	2.00127
1.201	7.984	.04268	-.16159	-.18058	-.21786	.50241	.50676	1.99961
1.199	10.068	.05987	-.15592	-.16534	-.20731	.50209	.50378	2.00438
1.203	12.004	.04966	-.14160	-.17010	-.20305	.49871	.50093	2.00220
1.203	13.983	.04857	-.13363	-.16531	-.19295	.49017	.49557	2.00287
1.195	16.063	.05945	-.13273	-.15704	-.19800	.47518	.48539	2.00397
	GRADIENT	.00069	.00834	.00763	.00759	.00822	.00525	-.00029

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (PVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.548	-3.832	-.13333	-.14803	-.18875	-.19081	.45877	.48542	2.00738
1.551	-1.943	-.13471	-.13478	-.17995	-.17954	.47662	.49932	2.00577
1.549	.059	-.13346	-.12364	-.16789	-.16550	.48954	.50981	2.00394
1.550	2.067	-.13393	-.10657	-.14992	-.15493	.50018	.51799	1.99919
1.550	4.112	-.13446	-.08464	-.13382	-.13586	.51396	.52631	2.00465
1.550	6.042	-.13399	-.07324	-.10468	-.12492	.52393	.53332	2.00570
1.549	8.081	-.13283	-.06352	-.09305	-.11874	.53070	.53714	2.00195
1.547	10.091	-.12934	-.06015	-.08625	-.11147	.53961	.54161	2.00026
1.548	12.081	-.12857	-.05561	-.08069	-.10440	.54286	.54387	2.00326
1.545	14.063	-.12931	-.05648	-.07660	-.09732	.53955	.54499	2.00608
1.552	16.095	-.12875	-.05692	-.08539	-.09281	.53278	.53871	2.00642
	GRADIENT	-.00007	.00780	.00704	.00677	.00672	.00504	-.00060

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.201	-1.814	1.95195	-.20393	-.22736	-.28281	.03300	.17577	2.35825
.203	.154	2.06877	-.20055	-.21721	-.27358	.07106	.21284	2.38364
.203	2.179	2.05506	-.19894	-.20724	-.27402	.10384	.24134	2.38334
.202	4.153	2.01703	-.21339	-.21966	-.28703	.11526	.24976	2.37294
.203	6.085	1.98186	-.21551	-.22174	-.29287	.12574	.25520	2.37972
.201	7.845	1.77524	-.22291	-.23144	-.29577	.13974	.26813	2.34795
.201	9.843	1.70506	-.23716	-.23923	-.30526	.12943	.24420	2.35594
.201	11.747	1.82228	-.24347	-.24555	-.31391	.12420	.23079	2.35067
.202	13.750	1.81071	-.26631	-.25991	-.32539	.10150	.20270	2.36449
.201	15.741	1.83597	-.28850	-.27987	-.35092	.08420	.16324	2.34631
.200	17.724	1.86563	-.30023	-.29153	-.37348	.03430	.13340	2.33894
	GRADIENT	.00907	-.00134	.00106	-.00065	.01403	.01257	.00219

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.250	-1.985	2.03946	-.17719	-.19205	-.24793	.07173	.21744	1.86551
.250	.185	2.06044	-.18300	-.19579	-.25410	.09085	.23726	1.86157
.250	2.161	2.05204	-.18518	-.19150	-.25417	.12554	.26987	1.86052
.250	4.125	2.04723	-.18810	-.19442	-.25702	.13739	.28372	1.86109
.250	6.096	1.95942	-.19682	-.19667	-.26559	.14300	.28900	1.86397
.251	7.930	1.99093	-.20232	-.20431	-.27075	.14868	.29181	1.86806
.253	10.021	2.07510	-.21071	-.20211	-.26752	.14744	.29465	1.88119
.250	11.940	1.89671	-.22970	-.22309	-.29832	.13950	.28092	1.86446
.251	13.902	1.92056	-.25062	-.23548	-.30611	.11269	.25351	1.86876
.250	15.709	1.82131	-.26290	-.25409	-.32747	.09045	.22599	1.86111
	GRADIENT	.00081	-.00173	-.00015	-.00136	.01140	.01139	-.00072

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.401	-1.955	2.15572	-.19125	-.20513	-.26659	.05827	.20771	2.15493
.401	.036	2.07651	-.19783	-.20591	-.27325	.09263	.23175	2.15268
.401	2.050	2.08129	-.20053	-.20280	-.27118	.11607	.25490	2.15287
.401	4.012	2.07505	-.20505	-.20499	-.27674	.14003	.27400	2.15595
.402	6.031	2.08018	-.20873	-.20636	-.28046	.14813	.28101	2.15107
.402	7.898	1.95829	-.21982	-.21630	-.28784	.15077	.28202	2.15548
.403	9.941	2.01127	-.23342	-.22187	-.29423	.14819	.27771	2.16258
.403	11.847	1.93347	-.24440	-.23283	-.31565	.14461	.25593	2.16000
.402	13.841	1.38477	-.26188	-.24604	-.32052	.12291	.23205	2.16094
.402	15.870	1.88985	-.27621	-.25995	-.33634	.09736	.20929	2.15446
	GRADIENT	-.01192	-.00221	.00018	-.00142	.01349	.01115	.00016

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.700	-1.942	1.99182	-.20604	-.22574	-.30114	.09599	.24759	3.57401
.700	.041	1.99897	-.21160	-.22548	-.30618	.13060	.27500	3.57376
.700	2.017	1.97667	-.21834	-.22603	-.30966	.15504	.29577	3.57371
.701	3.980	1.98801	-.22770	-.23042	-.31483	.17188	.31292	3.57448
.701	6.002	2.03808	-.23696	-.23637	-.32647	.18000	.32460	3.57693
.701	7.987	2.00879	-.24801	-.24700	-.33612	.18302	.33312	3.58325
.701	9.983	2.09878	-.27051	-.25877	-.34425	.17820	.33296	3.58333
.701	11.940	1.94343	-.28882	-.27418	-.35684	.17418	.31461	3.58000
.700	13.869	1.94561	-.30917	-.29077	-.38059	.15956	.29239	3.57646
.698	15.856	1.97539	-.33163	-.30861	-.40367	.13633	.26500	3.57449
.697	17.909	1.98493	-.35575	-.32643	-.42463	.09633	.23116	3.56822
	GRADIENT	-.00171	-.00363	-.00074	-.00226	.01278	.01098	.00007

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.800	-3.993	2.19080	-.20032	-.23091	-.30713	.08631	.25522	3.85068
.800	-1.945	2.05774	-.20796	-.23263	-.31477	.12669	.28163	3.85043
.800	-.103	2.07723	-.21463	-.23443	-.32355	.15805	.30672	3.84741
.800	2.034	2.05185	-.22794	-.23972	-.33152	.18227	.32693	3.85185
.800	3.997	2.07416	-.24185	-.24631	-.34042	.19944	.34631	3.85632
.799	5.983	2.14500	-.25842	-.25905	-.35985	.20794	.35458	3.85690
.800	7.938	2.04475	-.27823	-.27886	-.37885	.21223	.35833	3.85709
.800	10.015	2.10130	-.30905	-.29993	-.39929	.20785	.35719	3.85703
.800	11.935	1.89652	-.32792	-.32715	-.43035	.20720	.33888	3.85508
.800	13.922	1.91091	-.35764	-.35026	-.45445	.19356	.32034	3.85639
.800	15.918	1.91535	-.38601	-.37930	-.49025	.17083	.29677	3.85261
.800	17.964	1.95964	-.41845	-.41557	-.52575	.13700	.26915	3.85243
	GRADIENT	-.01203	-.00517	-.00190	-.00417	.01410	.01139	.00065

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.850	-1.921	2.02585	-.17787	-.21353	-.30179	.15230	.30674	3.95893
.850	.083	2.04031	-.19014	-.21889	-.31528	.18393	.33073	3.97091
.849	1.911	2.02590	-.20697	-.22866	-.32726	.20644	.34908	3.95679
.850	3.916	2.09145	-.22796	-.24052	-.34303	.22239	.36588	3.96317
.850	6.055	2.08356	-.25739	-.26414	-.37867	.23083	.37317	3.95463
.850	7.947	2.05999	-.28281	-.30024	-.41457	.23437	.38196	3.96633
.850	10.052	2.07240	-.31547	-.33486	-.43542	.23179	.37962	3.96091
.850	11.914	1.82452	-.33118	-.35376	-.46801	.22969	.36295	3.96868
.850	13.904	1.94432	-.38014	-.37031	-.49988	.21542	.34525	3.95477
.850	15.960	1.96682	-.42556	-.42319	-.53730	.19306	.32336	3.96055
.850	17.893	1.89778	-.45676	-.49548	-.59473	.16320	.29483	3.96877
.850	18.929	1.89398	-.46852	-.52640	-.61187	.14462	.27970	3.96747
	GRADIENT	.00953	-.00864	-.00469	-.00702	.01204	.01012	-.00003

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.901	-3.993	2.11363	-.30433	-.12009	-.15812	.14982	.31196	4.09771
.901	-1.992	2.05915	-.35181	-.13564	-.21566	.18527	.33672	4.09393
.902	-.031	2.09186	-.35791	-.22867	-.41088	.21408	.36120	4.09338
.901	1.956	2.05706	-.35168	-.38303	-.43410	.23824	.37913	4.10015
.899	3.998	2.12144	-.34559	-.43970	-.45019	.25169	.39263	4.08572
.900	5.974	2.14127	-.34807	-.45994	-.46741	.25815	.40111	4.08418
.900	7.870	1.98775	-.35444	-.47105	-.48698	.26556	.40780	4.09118
.899	9.976	2.05688	-.36736	-.48554	-.49453	.25965	.40803	4.08957
.900	11.929	1.85725	-.37970	-.49738	-.51692	.20077	.39321	4.09619
.899	13.877	1.85070	-.38974	-.50922	-.52579	.24684	.37419	4.09161
.900	15.937	1.86382	-.40075	-.52572	-.53593	.22708	.35420	4.09052
.900	17.933	1.89382	-.41264	-.54618	-.55127	.19615	.32855	4.09259
	GRADIENT	.00071	-.00412	-.04447	-.04018	.01287	.01022	-.00090

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.949	-4.034	1.98262	-.39897	-.37776	-.41706	.19455	.34716	4.13697
.950	-1.959	2.04477	-.38064	-.41122	-.42852	.22371	.37769	4.13834
.949	-.034	2.08820	-.37031	-.42552	-.43763	.25170	.39770	4.13695
.949	1.998	2.08670	-.35624	-.43198	-.43338	.27417	.41487	4.13823
.950	3 973	2.06688	-.34488	-.43674	-.43003	.28894	.43092	4.14007
.951	6.040	2.07599	-.33370	-.43910	-.42951	.29804	.43705	4.13721
.950	7.898	2.00234	-.32873	-.44007	-.43799	.30454	.44490	4.13459
.950	9.938	2.09564	-.33148	-.43970	-.42868	.29589	.44406	4.14541
.951	11.944	1.88538	-.33051	-.44350	-.44518	.29883	.42986	4.13595
.950	13.959	1.92110	-.33438	-.45107	-.44581	.28228	.41272	4.13282
.950	15.980	1.94944	-.34241	-.46535	-.45632	.26319	.38977	4.13684
.949	17.944	1.91873	-.35263	-.48235	-.47303	.23477	.36701	4.13361
	GRADIENT	.01056	.00665	-.00696	-.00155	.01198	.01026	.00031

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.981	-4.081	1.97967	-.39238	-.39032	-.41552	.22013	.37451	4.18782
.980	-1.928	2.05338	-.36138	-.40289	-.40986	.25308	.40208	4.17769
.978	-.014	2.04817	-.34856	-.41471	-.41578	.27653	.42055	4.17517
.979	2.026	2.03891	-.33702	-.41679	-.41140	.29816	.43677	4.17837
.979	3.994	2.05837	-.32358	-.41426	-.40438	.31147	.45221	4.17964
.979	5.991	2.12303	-.31259	-.41571	-.40273	.31900	.45816	4.17792
.979	7.940	2.00059	-.30527	-.41579	-.40618	.32571	.46441	4.17658
.980	9.961	1.99623	-.31090	-.40888	-.39647	.32323	.46170	4.18236
.980	11.932	1.91032	-.30733	-.41151	-.40612	.31963	.44915	4.17997
.979	13.945	1.92452	-.30912	-.41436	-.40615	.30590	.43149	4.17620
.981	15.898	1.94593	-.30857	-.42515	-.41330	.28767	.41363	4.17649
.979	17.969	1.95422	-.31484	-.44104	-.42859	.25884	.38970	4.17090
	GRADIENT	.00721	.00808	-.00309	.00104	.01135	.00947	-.00079

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.051	-4.011	1.97852	-.34456	-.37704	-.38794	.29278	.44286	3.80980
1.050	-1.942	1.96724	-.32095	-.36973	-.37472	.32188	.46457	3.81009
1.049	-.019	1.98685	-.29836	-.36519	-.36159	.34609	.48399	3.81135
1.050	2.009	2.02050	-.27695	-.35737	-.34756	.36460	.49947	3.81173
1.048	4.018	2.01674	-.26497	-.35323	-.34163	.37734	.50946	3.80839
1.048	6.058	2.06260	-.25563	-.35046	-.33530	.38346	.51623	3.80855
1.049	7.995	1.99003	-.24554	-.34838	-.33351	.38848	.52036	3.80584
1.050	10.014	2.15290	-.24310	-.34223	-.31584	.38141	.52227	3.80638
1.049	11.998	1.95422	-.24238	-.34111	-.32624	.37943	.50455	3.80024
1.049	13.933	1.98267	-.23843	-.33594	-.31989	.36744	.48987	3.80350
1.051	15.966	2.00396	-.23208	-.34155	-.32316	.34934	.47335	3.80724
1.050	17.958	2.01044	-.23191	-.34839	-.32967	.32294	.45105	3.80425
	GRADIENT	.00646	.01015	.00300	.00599	.01059	.00840	-.00006

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.101	-3.861	1.88250	-.27726	-.32602	-.32457	.34789	.48808	3.91088
1.101	-1.934	2.03492	-.25175	-.31623	-.30774	.36801	.51136	3.91424
1.098	.011	1.99787	-.23359	-.31324	-.29964	.38973	.52840	3.90803
1.097	1.967	2.02256	-.21469	-.30408	-.28593	.40665	.54266	3.90306
1.098	4.069	1.99743	-.20050	-.29260	-.27646	.41939	.54899	3.90790
1.102	6.028	2.08426	-.18524	-.28650	-.26390	.42124	.55682	3.90922
1.101	7.940	1.91656	-.17856	-.28847	-.26391	.42991	.55944	3.91138
1.099	10.041	2.06116	-.17716	-.28430	-.25231	.42494	.55459	3.89627
1.101	11.953	1.94800	-.17012	-.28304	-.25477	.42039	.54592	3.90306
1.100	13.871	1.91693	-.17044	-.27758	-.25357	.41006	.52812	3.91003
1.101	15.911	1.91806	-.16838	-.28325	-.25950	.39405	.50999	3.90404
1.101	17.912	1.94513	-.16675	-.28600	-.26199	.37247	.48999	3.91088
	GRADIENT	.01084	.00963	.00400	.00597	.00918	.00772	-.00086

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-3.928	2.01002	-.24322	-.27864	-.29579	.36166	.51040	3.90119
1.151	-1.962	2.04859	-.22779	-.26706	-.28337	.38296	.52823	3.90041
1.151	.008	2.05114	-.21022	-.25480	-.27056	.40011	.54186	3.89528
1.148	2.044	2.04377	-.19039	-.24138	-.25300	.41652	.55366	3.89798
1.149	4.047	2.03303	-.17412	-.23366	-.23918	.42586	.56009	3.90379
1.150	6.039	2.08258	-.15681	-.23166	-.22414	.42977	.56521	3.89936
1.149	7.933	1.93581	-.14280	-.23493	-.21408	.43569	.56543	3.89978
1.149	9.940	2.07975	-.13609	-.23541	-.19514	.43004	.56528	3.88794
1.149	11.887	1.86793	-.12895	-.22970	-.19969	.43576	.55331	3.89632
1.148	13.900	1.90021	-.12243	-.22061	-.19007	.42631	.54240	3.90196
1.150	15.857	1.87983	-.12739	-.22441	-.19582	.41165	.52714	3.90165
1.150	17.910	1.92817	-.12196	-.22406	-.19184	.39256	.50934	3.89891
1.148	18.951	1.95715	-.11021	-.21505	-.19311	.37914	.49944	3.88896
	GRADIENT	.00204	.00880	.00579	.00720	.00811	.00625	.00014

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.200	-4.012	2.07164	-.22356	-.29488	-.27741	.36806	.51361	3.92096
1.202	-1.980	2.04860	-.20596	-.28027	-.26171	.38835	.52901	3.91941
1.201	-.016	2.05734	-.19031	-.26113	-.24933	.40339	.54219	3.92186
1.201	2.000	2.05280	-.17486	-.24271	-.23307	.41829	.55058	3.91915
1.200	3.978	2.08634	-.16003	-.23036	-.21746	.42716	.55788	3.91809
1.201	6.018	2.09593	-.14597	-.22066	-.20369	.42994	.56366	3.91760
1.200	7.937	2.07834	-.13116	-.21066	-.19614	.43278	.57124	3.91936
1.202	9.993	2.11113	-.12341	-.19597	-.18115	.43011	.57247	3.91705
1.198	11.886	1.84725	-.12427	-.19764	-.18445	.43550	.55895	3.91879
1.196	13.858	1.87298	-.11527	-.19367	-.17529	.42896	.54857	3.91183
1.204	15.934	1.90877	-.10627	-.18994	-.17490	.41697	.53839	3.92253
1.202	17.947	1.93565	-.10200	-.18869	-.17013	.40236	.52630	3.92495
	GRADIENT	.00167	.00792	.00835	.00744	.00742	.00552	-.00030

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	-4.010	1.88875	-.20398	-.29142	-.25170	.38096	.53438	3.55213
1.301	-1.957	2.02013	-.17499	-.26909	-.22764	.39770	.55658	3.55082
1.300	-.020	2.02373	-.15417	-.25497	-.21119	.40938	.57001	3.55167
1.299	1.989	2.04828	-.13360	-.23529	-.19499	.42571	.57883	3.55064
1.300	4.021	2.04597	-.12723	-.21007	-.17557	.43927	.58455	3.55101
1.299	6.015	2.11577	-.11938	-.19266	-.16627	.44218	.58977	3.55216
1.300	7.960	2.02609	-.10804	-.18632	-.16492	.45486	.58760	3.55959
1.300	9.999	2.13198	-.09008	-.16681	-.13464	.45963	.58572	3.55396
1.301	11.906	1.89701	-.09482	-.15132	-.13130	.46636	.57374	3.54893
1.300	13.940	1.94493	-.08969	-.13596	-.12119	.46215	.56934	3.55428
1.299	15.926	1.95538	-.08612	-.13265	-.12107	.45375	.56001	3.55864
1.299	17.954	1.94618	-.08346	-.13546	-.12996	.44226	.54819	3.56296
	GRADIENT	.01716	.00974	.00983	.00925	.00723	.00613	-.00012

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.401	-4.020	1.91267	-.16580	-.25117	-.22134	.37132	.53255	3.51397
1.401	-1.993	1.98557	-.14931	-.23274	-.20805	.38220	.55157	3.51091
1.401	-.015	1.97644	-.13183	-.21799	-.19220	.39161	.56439	3.51881
1.402	1.977	1.98307	-.11285	-.19838	-.17604	.40793	.57456	3.51976
1.399	4.008	2.02120	-.09588	-.17931	-.15692	.42886	.58265	3.51327
1.400	6.072	2.05652	-.07872	-.15987	-.13089	.43730	.58683	3.51245
1.401	8.039	2.11415	-.06886	-.15278	-.13042	.44506	.59010	3.51472
1.400	10.071	2.19329	-.06864	-.13915	-.11933	.45660	.59286	3.51231
1.402	11.999	1.98182	-.05449	-.12433	-.10342	.40447	.57421	3.51674
1.401	14.063	2.03380	-.05022	-.11722	-.09716	.46523	.57073	3.51393
1.401	15.966	2.01402	-.06017	-.11338	-.08561	.45800	.56056	3.51731
1.399	18.004	2.01274	-.06049	-.11803	-.08795	.44632	.54982	3.51597
	GRADIENT	.01074	.00880	.00889	.00803	.00703	.00615	.00037

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.548	-3.908	1.84243	-.12336	-.21503	-.16875	.40139	.53814	3.11138
1.548	-1.851	1.85650	-.11248	-.20355	-.16153	.41223	.55108	3.11950
1.549	.114	1.84742	-.09866	-.19333	-.14587	.42978	.55925	3.11601
1.549	2.104	1.87373	-.08138	-.17050	-.13217	.43393	.55932	3.11084
1.550	4.150	1.88358	-.07276	-.14946	-.11462	.44636	.57848	3.11262
1.551	6.220	1.91501	-.06059	-.13212	-.10494	.45081	.58591	3.11603
1.552	8.091	1.93765	-.04696	-.11184	-.09827	.45678	.59154	3.11697
1.551	10.026	2.07894	-.05407	-.10385	-.08390	.46375	.59657	3.10628
1.547	11.923	2.01404	-.04510	-.09483	-.08441	.47277	.59308	3.11579
1.546	13.900	2.04322	-.04918	-.09064	-.07769	.46937	.58866	3.11841
1.552	15.908	2.07452	-.05430	-.09292	-.08726	.45773	.58340	3.11603
1.549	17.898	2.10055	-.06378	-.08622	-.07898	.45383	.57916	3.11766
	GRADIENT	.00496	.00659	.00818	.00685	.00556	.00493	-.00030

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (PVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.202	-1.929	-.31382	-.21218	-.22484	-.28417	.10586	.10787	2.35803
.202	-.016	-.27307	-.21541	-.21961	-.28975	.13341	.14176	2.35327
.202	2.003	-.23081	-.20843	-.20837	-.27394	.16828	.17866	2.35811
.202	3.989	-.18963	-.22343	-.22125	-.28262	.18523	.19347	2.35846
.201	6.053	-.14550	-.23178	-.22959	-.29780	.20543	.19028	2.34824
	GRADIENT	.02098	-.00135	.00111	.00105	.01380	.01484	.00032

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (PVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.250	-1.734	-.25284	-.19577	-.19776	-.25573	.12790	.15779	1.86312
.250	.144	-.21112	-.19523	-.19722	-.25312	.15033	.17809	1.86180
.251	2.144	-.16629	-.19747	-.19091	-.25512	.18723	.21486	1.86540
.250	4.009	-.18457	-.21163	-.20069	-.26335	.19614	.22617	1.85628
.250	6.242	-.07452	-.21564	-.20689	-.27359	.20975	.23749	1.85988
	GRADIENT	.01304	-.00258	-.00011	-.00129	.01260	.01261	-.00087

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.404	-1.870	-.29974	-.20495	-.20375	-.26569	.13021	.13466	2.16307
.404	.085	-.25709	-.20635	-.20057	-.26582	.16248	.17146	2.16728
.405	2.152	-.21073	-.21209	-.20063	-.27018	.18267	.19386	2.16788
.399	4.167	-.16669	-.21699	-.20287	-.27317	.20271	.21185	2.13992
.398	6.117	-.12287	-.22364	-.20950	-.28460	.21197	.21759	2.13942
	GRADIENT	.02208	-.00208	.00012	-.00133	.01177	.01257	-.00343

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.599	-1.963	-.18010	-.21958	-.21642	-.29041	.14229	.15609	3.23125
.599	.091	-.16052	-.22134	-.21455	-.29014	.17447	.18876	3.22746
.599	2.060	-.09642	-.22793	-.21646	-.29321	.19651	.21286	3.22789
.599	4.128	-.06717	-.23608	-.22044	-.29780	.21535	.22911	3.22160
.599	6.169	-.01614	-.24143	-.22583	-.30637	.22722	.23678	3.23139
	GRADIENT	.01987	-.00277	-.00069	-.00125	.01192	.01201	-.00141

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.800	-1.822	-.26162	-.22125	-.22711	-.31379	.20053	.21595	3.84840
.799	.082	-.21963	-.22999	-.23133	-.32313	.22436	.24112	3.85414
.800	2.136	-.17642	-.24346	-.23714	-.33295	.24693	.26710	3.86118
.800	4.197	-.13435	-.25907	-.24929	-.33918	.26392	.28406	3.86253
.800	6.281	-.08868	-.27644	-.26385	-.36081	.27637	.29235	3.85917
	GRADIENT	.02113	-.00632	-.00361	-.00427	.01056	.01143	.00245

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (PVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.850	-1.940	-.25143	-.18841	-.20618	-.30428	.22166	.23757	3.96810
.850	.144	-.26439	-.19760	-.21214	-.31580	.24993	.26613	3.96719
.850	2.202	-.18271	-.21799	-.22475	-.33178	.26999	.29072	3.96125
.850	4.246	-.12456	-.23776	-.24224	-.34990	.28619	.30722	3.96154
.850	6.335	-.08998	-.25973	-.27034	-.39358	.29685	.31329	3.97078
	GRADIENT	.02239	-.00816	-.00585	-.00741	.01037	.01133	-.00124

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.900	-1.931	-.32159	-.37038	-.13400	-.17672	.25431	.26924	4.04980
.900	.161	-.27995	-.41289	-.24822	-.30070	.28212	.29764	4.04897
.900	2.233	-.20158	-.41152	-.39280	-.48249	.30124	.32221	4.04925
.900	4.321	-.18726	-.41021	-.41164	-.49373	.31697	.33579	4.04997
.900	6.393	-.14404	-.41205	-.42661	-.51450	.32674	.34281	4.05088
	GRADIENT	.02311	-.00568	-.04693	-.05438	.00995	.01077	.00004

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.950	-1.845	-.29388	-.43292	-.38340	-.46340	.29493	.31073	4.13926
.949	.191	-.24602	-.42114	-.39300	-.47013	.32014	.33677	4.13988
.949	2.270	-.19431	-.40634	-.39410	-.46696	.33679	.35890	4.13962
.949	4.361	-.15003	-.39552	-.39572	-.46762	.35382	.37272	4.14106
.949	6.385	-.11012	-.38986	-.39642	-.47186	.36138	.37913	4.13824
	GRADIENT	.02335	.00614	-.00183	-.00055	.00934	.01005	.00025

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.981	-1.847	-.27307	-.40801	-.36834	-.44463	.32097	.33430	4.18763
.979	.196	-.19683	-.39889	-.38053	-.45156	.34461	.36017	4.18754
.979	2.283	-.14553	-.38605	-.37810	-.44910	.36131	.38161	4.18720
.979	4.387	-.10630	-.37298	-.37374	-.44195	.37603	.39436	4.18811
.979	6.418	-.06751	-.36487	-.37238	-.44261	.38364	.40057	4.18534
	GRADIENT	.02651	.00567	-.00065	.00052	.00874	.00969	.00005

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (PVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.049	-1.880	-.19879	-.35973	-.33858	-.40293	.38639	.40279	3.80286
1.048	.124	-.16640	-.34025	-.33098	-.39411	.40727	.42453	3.80541
1.051	2.223	-.12384	-.31824	-.32053	-.37752	.42649	.44631	3.81399
1.051	4.323	-.05623	-.30910	-.31316	-.37015	.43833	.45577	3.81365
1.051	6.472	-.01128	-.30009	-.30624	-.36426	.44493	.46123	3.80683
	GRADIENT	.02274	.00839	.00419	.00555	.00844	.00871	.00198

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.101	-1.920	-.26974	-.29162	-.27970	-.34202	.43731	.44831	3.90655
1.098	.082	-.16714	-.27351	-.27203	-.33255	.45380	.46707	3.90150
1.101	2.167	-.16589	-.25049	-.25749	-.31532	.46818	.48281	3.90489
1.100	4.279	-.12353	-.24099	-.25138	-.30754	.47939	.49429	3.90543
1.098	6.344	-.01847	-.23542	-.24780	-.30433	.48632	.49841	3.90526
	GRADIENT	.02117	.00845	.00481	.00583	.00679	.00742	.00001

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-1.979	-.25665	-.26206	-.26089	-.29994	.44953	.46197	3.89240
1.149	.012	-.21629	-.24111	-.24744	-.28377	.46543	.47870	3.88619
1.151	2.154	-.18449	-.23022	-.23155	-.26755	.47777	.49350	3.89128
1.149	4.267	-.12080	-.20554	-.21937	-.25237	.48731	.50248	3.88872
1.149	6.306	-.07772	-.19402	-.20895	-.24221	.49421	.50716	3.89155
	GRADIENT	.02105	.00864	.00673	.00761	.00601	.00652	-.00027

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.201	-1.981	-.26826	-.25147	-.24376	-.30221	.45366	.46891	3.88758
1.199	.093	-.23748	-.23476	-.22950	-.28451	.46775	.48521	3.88450
1.198	2.179	-.18602	-.21658	-.21214	-.26281	.47717	.49681	3.88279
1.198	4.250	-.14483	-.20216	-.19664	-.24640	.48779	.50575	3.89034
1.199	6.371	-.10171	-.18694	-.18306	-.23175	.49315	.51111	3.88845
	GRADIENT	.02030	.00799	.00764	.00910	.00538	.00588	.00032

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (PVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.299	-1.929	-.24030	-.22977	-.22537	-.26532	.47109	.47309	3.55251
1.299	.039	-.19811	-.20836	-.20859	-.25024	.48356	.48301	3.55457
1.301	2.123	-.15392	-.19366	-.19015	-.23203	.49948	.50345	3.55714
1.300	4.246	-.10288	-.17426	-.16786	-.21581	.50960	.51241	3.55855
1.299	6.301	-.05950	-.16442	-.14530	-.20395	.51943	.52020	3.55995
	GRADIENT	.02216	.00879	.00927	.00809	.00637	.00641	.00100

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.401	-2.028	-.17838	-.19008	-.20608	-.23642	.47082	.47537	3.51265
1.399	.076	-.13426	-.17274	-.18415	-.22306	.48263	.48830	3.51476
1.399	2.205	-.08845	-.15382	-.16981	-.20844	.49889	.50311	3.51512
1.398	4.281	-.04296	-.13816	-.15736	-.18517	.51500	.51291	3.50847
1.400	6.338	.00219	-.12088	-.14093	-.16816	.52069	.51587	3.50932
	GRADIENT	.02147	.00830	.00762	.00799	.00707	.00505	-.00057

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.549	-2.124	-.11464	-.16157	-.16121	-.20457	.47270	.49391	3.10554
1.550	-.045	-.05598	-.14257	-.14697	-.18273	.48536	.51383	3.11481
1.549	2.045	-.01271	-.12988	-.13618	-.17163	.49007	.51410	3.11667
1.549	4.167	.03577	-.11454	-.11705	-.15518	.50236	.52369	3.10567
1.550	6.159	.07846	-.09999	-.10313	-.14149	.51304	.53545	3.11148
	GRADIENT	.02358	.00733	.00684	.00760	.00447	.00499	.00010

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	8.038	.01701	-.12744	-.14764	-.18173	.50530	.53034	3.56057
1.300	11.908	.04855	-.10077	-.13752	-.15980	.50124	.52807	3.55347
1.299	15.903	.05811	-.08256	-.13180	-.14685	.49109	.51853	3.55393
1.299	17.967	.06515	-.08247	-.12992	-.14380	.47678	.50681	3.55722
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.319	7.955	.00358	-.10529	-.16847	-.16499	.51266	.52871	3.54870
1.319	11.997	.03900	-.08114	-.14295	-.14149	.51140	.52864	3.54577
1.320	16.006	.05064	-.06642	-.14012	-.12888	.49427	.51491	3.55704
1.320	18.010	.05863	-.06239	-.13639	-.13234	.47901	.50283	3.55591
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.340	7.977	-.00549	-.10431	-.15463	-.14742	.52334	.52726	3.54789
1.340	12.002	.02713	-.07773	-.13720	-.13287	.52193	.52930	3.55176
1.337	16.034	.04138	-.07574	-.11741	-.11768	.50326	.51697	3.55323
1.335	18.010	.04997	-.08806	-.11333	-.11504	.48628	.50259	3.55478
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.360	7.980	-.02354	-.12960	-.13645	-.17567	.52184	.53633	3.55282
1.360	11.974	-.00388	-.10288	-.12184	-.16036	.51608	.53524	3.52996
1.360	16.056	.02824	-.09077	-.11140	-.14609	.50068	.52581	3.53769
1.361	17.986	.03881	-.09141	-.10947	-.13901	.48511	.51114	3.53437
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.378	7.985	-.03572	-.11241	-.12757	-.17339	.50902	.53955	3.52656
1.380	11.946	-.00282	-.08595	-.11169	-.15060	.50879	.53757	3.52779
1.381	16.045	.01314	-.07000	-.10331	-.13634	.49773	.52722	3.51396
1.381	17.961	.01835	-.07283	-.09685	-.13205	.48629	.51540	3.52595
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.400	7.991	-.04478	-.10038	-.12041	-.15792	.50468	.53779	3.51000
1.400	11.952	-.01467	-.07205	-.10241	-.13821	.50055	.53339	3.50947
1.401	16.014	.00039	-.06564	-.08767	-.12715	.49452	.52418	3.51340
1.399	17.971	.01113	-.06327	-.09243	-.12016	.48620	.51670	3.51686
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.450	7.985	-.07387	-.08152	-.09984	-.13506	.52175	.53423	3.48276
1.449	11.857	-.06348	-.06235	-.08211	-.11735	.52317	.53537	3.48160
1.451	16.025	-.12111	-.06330	-.08823	-.11289	.51603	.52625	3.47958
1.451	18.092	-.11734	-.07110	-.08285	-.10494	.50515	.51425	3.47643
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.201	-1.766	.11013	-.20140	-.21198	-.27221	.09711	.14210	2.29879
.201	2.228	.11051	-.21177	-.20736	-.27992	.15696	.19091	2.31046
.201	6.192	.11030	-.21835	-.21390	-.28485	.20032	.22376	2.30354
.201	10.191	.11117	-.24031	-.23798	-.29609	.18498	.20844	2.30358
.200	14.198	.11075	-.26790	-.25685	-.32432	.16014	.18172	2.28978
.201	18.204	.11088	-.28450	-.26934	-.34640	.09162	.12359	2.31314
	GRADIENT	.00010	-.00260	.00116	-.00193	.01499	.01222	.00292

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.397	-1.964	.08138	-.19802	-.20495	-.27120	.11741	.15746	2.15979
.399	2.089	.08177	-.19764	-.19865	-.26894	.18607	.20931	2.16036
.400	6.076	.08096	-.20977	-.20494	-.27857	.21390	.23239	2.15749
.399	10.062	.08103	-.23399	-.22211	-.29362	.20964	.22235	2.15096
.399	14.055	.08145	-.25944	-.24403	-.31793	.17740	.19483	2.14731
.398	18.049	.08187	-.29295	-.27744	-.35522	.10355	.12934	2.13892
	GRADIENT	.00010	.00009	.00155	.00056	.01694	.01279	.00014

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.599	-1.951	-.03835	-.20821	-.21429	-.28979	.12873	.16967	3.23103
.600	2.115	-.03766	-.21717	-.21545	-.29412	.19791	.21686	3.24390
.601	6.089	-.03856	-.23181	-.22391	-.30593	.22876	.24042	3.25320
.600	10.078	-.03858	-.25508	-.24246	-.32392	.22731	.23341	3.23980
.600	14.086	-.03596	-.28634	-.26748	-.35055	.19682	.20754	3.23746
.598	18.076	-.03387	-.32693	-.30014	-.39093	.13051	.15176	3.22734
	GRADIENT	.00017	-.00220	-.00029	-.00107	.01701	.01161	.00317

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.699	-1.936	-.00705	-.21378	-.22272	-.30181	.15304	.19217	3.57948
.702	2.061	-.00744	-.22647	-.22671	-.31153	.21722	.23841	3.58329
.703	6.114	-.00823	-.24608	-.23809	-.32505	.24743	.25916	3.57861
.701	10.066	-.00679	-.27257	-.25918	-.34178	.24829	.25592	3.58001
.700	14.084	-.00735	-.31282	-.29073	-.37960	.21840	.22895	3.58129
.697	18.070	-.00510	-.36077	-.32729	-.42675	.15615	.17347	3.56726
	GRADIENT	-.00010	-.00317	-.00100	-.00243	.01606	.01157	.00095

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.801	-1.983	.04709	-.21357	-.22724	-.31482	.18409	.22367	3.87742
.800	1.919	.04480	-.23329	-.23728	-.33299	.24540	.26813	3.85860
.800	5.912	.04296	-.26331	-.25930	-.35610	.27924	.28943	3.85430
.800	9.967	.04397	-.30936	-.29907	-.39408	.27905	.29063	3.85268
.600	13.967	.04370	-.36333	-.34707	-.44883	.25428	.26485	3.85216
.799	18.030	.04692	-.42357	-.41073	-.54300	.19613	.21303	3.84574
	GRADIENT	-.00059	-.00505	-.00258	-.00466	.01572	.01133	-.00482

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.900	-1.953	.10581	-.36769	-.13566	-.17905	.24195	.28260	4.04760
.900	1.965	.10638	-.39852	-.38757	-.47166	.29779	.32102	4.04881
.900	5.944	.07905	-.39948	-.42599	-.50596	.32889	.34292	4.05424
.900	9.984	.07976	-.41052	-.45349	-.52928	.33251	.34502	4.05675
.900	13.992	.10739	-.42878	-.47759	-.55501	.30759	.31831	4.05186
.900	17.996	.10267	-.44971	-.51038	-.58567	.25718	.27404	4.05364
	GRADIENT	.00015	-.00787	-.06431	-.07470	.01425	.00981	.00031

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.950	-1.973	.05681	-.42188	-.38574	-.46082	.28206	.31938	4.13161
.950	1.989	.03369	-.39636	-.39724	-.46648	.33645	.35782	4.13673
.950	6.006	.08435	-.37732	-.39790	-.46845	.36552	.37736	4.13166
.950	9.980	.02360	-.37248	-.39706	-.46835	.36715	.37926	4.13858
.950	14.007	.01365	-.37659	-.41097	-.48049	.34560	.35743	4.13312
.950	17.985	.00940	-.38512	-.44129	-.50665	.29513	.31253	4.13048
	GRADIENT	-.00583	.00644	-.00290	-.00143	.01373	.00970	.00129

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.980	-2.021	-.00019	-.40030	-.37219	-.44434	.30827	.34397	4.17369
.979	2.041	.03281	-.37813	-.38321	-.44839	.36057	.38107	4.18839
.980	6.025	.03086	-.35448	-.37448	-.43965	.38613	.39930	4.18532
.980	9.998	-.00454	-.34733	-.36986	-.43613	.38938	.40030	4.17329
.980	14.003	-.02239	-.34528	-.37486	-.44230	.36848	.37548	4.16944
.980	18.003	.00647	-.34637	-.40262	-.46158	.31871	.33615	4.17688
	GRADIENT	.00813	.00546	-.00271	-.00100	.01288	.00914	.00362

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.050	-1.995	-.02704	-.35240	-.34148	-.40358	.37816	.41515	3.80492
1.049	2.060	-.04828	-.31384	-.32517	-.38198	.42679	.44570	3.80708
1.049	6.072	-.02341	-.29266	-.30818	-.36731	.44978	.46007	3.81279
1.050	10.045	-.02190	-.27987	-.29939	-.35785	.44855	.45941	3.81206
1.050	14.074	-.00156	-.26855	-.29484	-.35464	.42521	.43817	3.81670
1.049	18.029	-.04686	-.26260	-.31761	-.38460	.38361	.39698	3.80691
	GRADIENT	-.00524	.00957	.00482	.00433	.01199	.00973	.00053

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.100	-2.011	-.01986	-.28651	-.28745	-.34209	.42294	.46041	3.84736
1.099	2.052	-.01635	-.24614	-.26545	-.31603	.46594	.48731	3.85874
1.100	6.005	-.02448	-.22625	-.24871	-.30156	.48723	.49998	3.85726
1.100	10.024	-.01078	-.21479	-.23843	-.29420	.48635	.49855	3.85348
1.100	14.083	.03931	-.20576	-.23918	-.29154	.46510	.47904	3.84805
1.100	18.076	.03235	-.20013	-.25051	-.29802	.42427	.44370	3.84930
	GRADIENT	.00086	.00994	.00542	.00642	.01058	.00662	.00280

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.148	-1.987	.03939	-.25833	-.26458	-.31390	.43638	.47567	3.86110
1.149	2.086	.03878	-.21797	-.23405	-.27898	.47521	.49831	3.85140
1.151	6.046	.05813	-.19155	-.21284	-.25360	.49516	.50865	3.88695
1.151	10.040	.06707	-.17744	-.20105	-.24333	.49337	.50691	3.87837
1.150	14.088	.06219	-.16335	-.19712	-.23223	.47660	.49214	3.86541
1.150	18.062	.05279	-.15020	-.19984	-.23545	.44345	.46291	3.87170
	GRADIENT	-.00015	.00991	.00749	.00858	.00954	.00556	-.00238

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.200	-1.998	.05089	-.23851	-.26349	-.29507	.43921	.47572	3.88290
1.200	2.045	.06296	-.20298	-.22665	-.26318	.47402	.49468	3.87907
1.199	6.060	.06113	-.17279	-.19593	-.23436	.49172	.50553	3.88265
1.199	10.055	.07340	-.15362	-.17923	-.21957	.49502	.50800	3.88214
1.200	14.080	.06967	-.13298	-.17233	-.20230	.48207	.49617	3.88046
1.200	18.036	.04676	-.11733	-.16873	-.20225	.45535	.47166	3.87605
	GRADIENT	.00299	.00879	.00911	.00788	.00861	.00469	-.00095

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	-1.999	.01468	-.20676	-.24260	-.26506	.45252	.50550	3.54152
1.300	2.014	.01629	-.16775	-.20561	-.23066	.48532	.52491	3.54484
1.300	5.952	.01788	-.13866	-.16088	-.19489	.50396	.53424	3.54454
1.300	9.980	.02622	-.10937	-.13451	-.17170	.50719	.53805	3.54356
1.300	14.018	.02552	-.08715	-.13642	-.15042	.49731	.52937	3.54255
1.300	18.041	.01847	-.08039	-.12904	-.14274	.47716	.50980	3.54120
	GRADIENT	.00040	.00972	.00922	.00857	.00817	.00484	.00083

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.550	-1.888	-.12793	-.13429	-.18132	-.18395	.45826	.49606	3.09748
1.550	2.047	-.12894	-.10667	-.15320	-.16025	.49059	.51267	3.10946
1.550	6.027	-.12802	-.07313	-.11084	-.13408	.51778	.53192	3.10838
1.549	10.107	-.12029	-.05787	-.09717	-.11818	.53196	.54292	3.10764
1.550	14.069	-.12162	-.05421	-.08518	-.10613	.53165	.54574	3.11376
1.549	18.098	-.13278	-.06734	-.08377	-.09111	.50750	.52925	3.10917
	GRADIENT	-.00026	.00702	.00715	.00602	.00822	.00422	.00304

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.219	8.054	2.02335	-.11950	-.20481	-.18599	.43510	.57650	3.57256
1.219	11.957	2.18803	-.10387	-.19196	-.16904	.43247	.57181	3.58157
1.220	16.095	2.11806	-.07884	-.18439	-.16382	.41047	.55607	3.57787
1.218	18.084	2.07728	-.07722	-.18061	-.16059	.39649	.54504	3.56067
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.240	8.054	2.02446	-.12937	-.20087	-.18810	.43460	.57735	3.58735
1.240	11.968	2.04350	-.09167	-.19794	-.16718	.43590	.56972	3.57369
1.238	15.977	2.04826	-.08255	-.18094	-.15758	.41759	.56016	3.58344
1.239	18.079	2.06859	-.08418	-.18242	-.15366	.40023	.55071	3.59211
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.260	8.045	2.01750	-.12037	-.18637	-.18937	.43795	.58277	3.57821
1.259	11.981	2.04742	-.10282	-.18160	-.15840	.43631	.57990	3.58303
1.258	15.984	2.06836	-.07741	-.17593	-.14967	.41718	.57237	3.56677
1.258	18.096	2.03443	-.06912	-.17043	-.15507	.40237	.55923	3.57889
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.280	8.039	2.03566	-.10189	-.18991	-.17197	.44468	.58815	3.56470
1.280	11.999	2.06283	-.08197	-.16060	-.16068	.43633	.59240	3.56644
1.280	15.970	2.02933	-.04505	-.14576	-.14206	.41998	.58387	3.56785
1.279	18.105	2.03235	-.03574	-.13763	-.12928	.40638	.57263	3.57096
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	8.026	2.01617	-.10811	-.17912	-.16215	.44993	.58964	3.56037
1.300	11.917	2.16776	-.06222	-.15673	-.13402	.43618	.59862	3.57102
1.300	15.977	2.01801	-.05167	-.15273	-.11957	.42140	.58589	3.56222
1.301	18.072	2.03973	-.05320	-.15522	-.11653	.40759	.57428	3.56143
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.320	8.006	2.01764	-.09426	-.17521	-.16434	.45033	.58913	3.55985
1.321	12.016	2.04958	-.06711	-.16730	-.13606	.44698	.59674	3.56627
1.319	15.986	2.02529	-.03709	-.15781	-.12341	.42558	.58673	3.52876
1.321	18.067	1.99448	-.03850	-.15652	-.10739	.40986	.57435	3.53074
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.341	8.001	2.01912	-.09774	-.16394	-.15656	.45278	.59491	3.55477
1.340	12.007	2.03843	-.07007	-.15625	-.12026	.45221	.60260	3.53840
1.340	15.979	2.02636	-.06189	-.14568	-.11808	.42922	.59356	3.54483
1.340	18.098	1.98389	-.06209	-.14320	-.11476	.41639	.58171	3.54860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (PVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.360	7.994	2.01203	-.09136	-.16403	-.14829	.45453	.59695	3.53530
1.360	11.935	2.00672	-.07426	-.14175	-.12665	.45347	.60213	3.54745
1.360	15.984	1.97916	-.05455	-.13529	-.11902	.43378	.59450	3.54730
1.360	18.040	2.01337	-.05517	-.13910	-.11193	.41876	.58253	3.54674
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.380	7.981	2.00908	-.08827	-.15706	-.14164	.45910	.60095	3.52956
1.379	11.967	1.96863	-.05686	-.13389	-.13081	.45138	.60192	3.53581
1.381	15.941	1.97776	-.04126	-.13098	-.11332	.43003	.59023	3.54215
1.381	18.045	1.95208	-.04307	-.12520	-.10751	.41891	.57707	3.53410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.401	7.957	1.99119	-.08431	-.14408	-.14157	.46100	.60253	3.52131
1.400	11.908	2.07310	-.04781	-.14551	-.11756	.44768	.60355	3.52855
1.399	15.912	1.94836	-.03953	-.12511	-.10160	.43101	.58974	3.50953
1.401	18.020	1.94410	-.04597	-.12161	-.09720	.42039	.57994	3.50485
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.450	7.958	1.97132	-.06328	-.14264	-.12013	.46627	.60406	3.49351
1.450	11.985	1.88933	-.03606	-.11606	-.09718	.47298	.60330	3.48221
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.450	16.008	1.95034	-.04180	-.10917	-.08742	.44975	.59443	3.47916
1.449	17.954	1.92255	-.04809	-.10683	-.08364	.44300	.58535	3.48055
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.200	-1.724	.10896	-.20367	-.22292	-.28326	.09351	.13016	2.27470
.202	.162	.10889	-.20643	-.21268	-.27230	.12970	.15742	2.29119
.202	2.150	.10901	-.20486	-.20898	-.26855	.16503	.18424	2.29259
.200	4.102	.10890	-.21967	-.22169	-.28859	.17284	.18586	2.27697
.199	6.155	.10895	-.22041	-.22027	-.28546	.19431	.20309	2.27035
.200	8.172	.10944	-.22484	-.22254	-.28505	.19295	.19734	2.28057
.200	10.191	.10956	-.23692	-.23460	-.29097	.18980	.19856	2.27431
.200	12.186	.11012	-.24440	-.23562	-.30691	.18302	.18310	2.27875
.200	14.194	.11033	-.26242	-.25581	-.31822	.14618	.15700	2.28377
.199	16.200	.11056	-.28997	-.27668	-.35110	.11467	.13878	2.26558
	GRADIENT	-.00000	-.00239	.00036	-.00065	.01402	.00995	.00039

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.250	-3.986	.04782	-.18082	-.19578	-.25204	.07191	.10424	1.80625
.251	-2.079	.04761	-.19020	-.19648	-.25455	.11467	.13819	1.81438
.251	-.007	.04722	-.19187	-.19386	-.25395	.15309	.15084	1.81685
.252	1.932	.04728	-.19330	-.19742	-.25519	.18053	.19320	1.81984
.253	3.917	.04702	-.19659	-.19432	-.25768	.19775	.20393	1.83254
.254	5.951	.04749	-.19822	-.19806	-.26129	.21007	.21622	1.83604
.253	7.977	.04765	-.20787	-.20137	-.26491	.21723	.21707	1.83390
.252	10.002	.04759	-.21654	-.20997	-.26983	.20812	.21010	1.82606
.251	11.976	.04770	-.23398	-.22519	-.30498	.19886	.20087	1.81584
.252	13.990	.04751	-.24302	-.22786	-.30074	.17225	.17640	1.82139
.253	16.030	.04821	-.26440	-.24933	-.32172	.13947	.15637	1.83002
	GRADIENT	-.00010	-.00174	.00010	-.00060	.01602	.01282	.00292

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.399	-1.885	.08248	-.19320	-.19894	-.26111	.11981	.15151	2.14535
.399	.013	.08249	-.19573	-.19794	-.26097	.15421	.17528	2.15101
.401	1.980	.08196	-.20049	-.19688	-.26299	.18318	.19950	2.16028
.400	3.996	.08186	-.20735	-.20256	-.26896	.20358	.21415	2.15266
.401	5.974	.08179	-.21257	-.20546	-.27643	.21180	.21771	2.15213
.400	8.006	.08143	-.22370	-.21539	-.28313	.21398	.21642	2.14862
.401	10.007	.08146	-.22903	-.21844	-.28346	.21184	.21309	2.15669
.400	12.047	.08106	-.24144	-.22846	-.31018	.19726	.20085	2.15234
.399	14.037	.08154	-.25849	-.24429	-.31219	.17782	.18258	2.15039
.399	16.028	.08161	-.27549	-.25662	-.33267	.14309	.15134	2.15100
	GRADIENT	-.00012	-.00241	-.00051	-.00131	.01427	.01080	.00157

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.600	-1.874	-.04319	-.21344	-.21641	-.28929	.13528	.16685	3.23627
.600	.028	-.04294	-.21727	-.21714	-.29371	.16896	.19386	3.23255
.601	2.030	-.04326	-.22274	-.21848	-.29379	.19737	.21706	3.24321
.601	4.126	-.04440	-.23234	-.22291	-.29882	.21926	.23020	3.24099
.602	6.079	-.04259	-.23564	-.22624	-.30655	.22843	.23478	3.24770
.602	8.055	-.04281	-.24785	-.23638	-.31408	.23139	.23459	3.24821
.601	10.054	-.04134	-.25999	-.24488	-.31972	.22790	.23007	3.24307
.601	12.077	-.04001	-.27471	-.25702	-.34056	.21691	.21908	3.24543
.600	14.075	-.03673	-.29297	-.27162	-.35122	.19673	.20457	3.24217
.600	16.039	-.03301	-.31231	-.28835	-.37525	.16893	.17780	3.24118
	GRADIENT	-.00020	-.00312	-.00105	-.00143	.01398	.01062	.00124

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.700	-2.035	-.00730	-.21639	-.22374	-.30235	.15026	.18276	3.56809
.699	.139	-.01408	-.22280	-.22473	-.30676	.18708	.21119	3.57729
.700	2.072	-.00653	-.22998	-.22777	-.31123	.21304	.23215	3.58202
.701	4.008	.00230	-.23935	-.23261	-.31425	.23326	.24615	3.58612
.701	6.043	-.00304	-.24715	-.23833	-.33329	.24508	.25263	3.58102
.701	8.045	-.00475	-.25947	-.24859	-.34278	.24875	.25382	3.57960
.701	10.045	.01324	-.27624	-.26001	-.33813	.24547	.24683	3.58592
.699	12.024	.00462	-.29333	-.27410	-.35197	.23601	.24027	3.57212
.699	14.070	.01986	-.31527	-.29149	-.37004	.21739	.22661	3.57232
.698	16.050	.03820	-.33784	-.31026	-.40428	.19118	.20289	3.57032
	GRADIENT	.00176	-.00378	-.00267	-.00610	.01375	.01056	.00095

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.800	-3.954	.04038	-.20922	-.22539	-.31237	.14492	.18395	3.85398
.800	-1.973	.04221	-.21501	-.22735	-.31603	.18307	.21797	3.85877
.800	-.059	.04052	-.22357	-.23106	-.32447	.21821	.24099	3.85289
.800	1.946	.03434	-.23463	-.23620	-.33249	.24453	.26209	3.85241
.800	3.976	.03163	-.24919	-.24692	-.34099	.26509	.27565	3.85713
.799	6.001	.03136	-.26654	-.25939	-.35703	.27613	.28321	3.85585
.800	7.989	.03248	-.28733	-.27809	-.37803	.28235	.28942	3.85801
.800	9.976	.03421	-.31113	-.29908	-.38968	.27970	.28746	3.85924
.800	12.010	.03508	-.33748	-.32229	-.43027	.27058	.27765	3.86002
.800	14.004	.03785	-.36538	-.34634	-.44948	.25044	.25928	3.85736
.800	15.992	.04120	-.39545	-.37532	-.49009	.23189	.23902	3.85554
	GRADIENT	-.00129	-.00504	-.00263	-.00373	.01524	.01088	.00000

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.850	-4.019	.09121	-.17479	-.20439	-.29664	.17315	.21921	3.97058
.849	-2.012	.03418	-.18096	-.20639	-.30464	.21033	.24544	3.96632
.850	-.045	.09397	-.18896	-.21020	-.31535	.24679	.26732	3.96118
.850	1.982	.03182	-.20632	-.22336	-.33054	.27034	.28828	3.95945
.850	3.930	.03660	-.22452	-.23826	-.34712	.28850	.30023	3.96982
.850	5.964	.09852	-.24838	-.26309	-.38242	.30037	.30724	3.96717
.850	7.991	.10075	-.27421	-.30090	-.42520	.30447	.31426	3.96313
.850	9.991	.10357	-.29599	-.32621	-.43357	.30293	.31110	3.96615
.850	12.013	.04696	-.32953	-.34513	-.46207	.29193	.30138	3.97483
.849	14.018	.05126	-.40869	-.38022	-.47925	.27689	.28444	3.96395
.850	16.010	.05727	-.45824	-.43780	-.53763	.25641	.26431	3.95979
	GRADIENT	-.00564	-.00627	-.00426	-.00638	.01462	.01030	-.00043

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.899	-1.933	.13339	-.35943	-.13770	-.18289	.24876	.27960	4.10956
.900	-.054	.09408	-.40191	-.26554	-.33580	.27871	.30206	4.10184
.900	1.933	.12022	-.39690	-.39214	-.47154	.30006	.32133	4.09659
.900	3.933	.07374	-.39584	-.41215	-.48780	.31941	.33132	4.10155
.900	5.933	.08423	-.39789	-.42594	-.50429	.32961	.34001	4.10210
.899	7.938	.11119	-.40391	-.43923	-.52011	.33518	.34289	4.10091
.900	9.976	.08633	-.40950	-.45230	-.52316	.33093	.33923	4.10287
.900	11.997	.06858	-.41843	-.46513	-.54169	.32424	.33103	4.10476
.900	14.015	.12032	-.42679	-.47588	-.55154	.31156	.31714	4.10352
.900	15.994	.10687	-.43805	-.49204	-.56812	.28911	.29861	4.10286
.900	18.001	.11208	-.44621	-.50950	-.58101	.25461	.27222	4.10383
	GRADIENT	-.00778	-.00524	-.04835	-.05344	.01189	.00889	-.00148

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.950	-3.991	.02209	-.43130	-.36891	-.44391	.25149	.29574	4.14340
.950	-2.011	.06000	-.42243	-.38631	-.46163	.28333	.31600	4.14323
.950	.026	.02621	-.40991	-.39635	-.46842	.31802	.33795	4.14515
.951	1.927	.02801	-.39694	-.39695	-.46644	.33796	.35469	4.14456
.950	3.960	.03426	-.38458	-.39788	-.46593	.35562	.36658	4.14483
.950	5.989	.03247	-.37703	-.39668	-.46790	.36569	.37318	4.14524
.950	7.985	.08217	-.37483	-.39739	-.47389	.36804	.37759	4.14261
.949	9.968	.08615	-.37328	-.39672	-.46747	.36823	.37717	4.13930
.950	12.032	.07405	-.37509	-.40544	-.48049	.35908	.36802	4.14238
.950	14.000	.01458	-.37698	-.40966	-.48040	.34474	.35081	4.14244
.950	15.959	.03634	-.38240	-.42634	-.49476	.32764	.33228	4.14157
.950	18.010	.01165	-.38607	-.44349	-.50634	.29585	.30778	4.12661
	GRADIENT	-.00039	.00599	-.00346	-.00247	.01326	.00909	.00021

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.978	-1.951	.03949	-.38206	-.37009	-.43789	.31280	.34291	4.19837
.979	.004	.02178	-.36832	-.37650	-.44239	.34180	.36242	4.19274
.980	1.929	.04838	-.35418	-.37241	-.43566	.36048	.38024	4.19917
.980	3.952	.02860	-.34684	-.36281	-.42651	.37805	.38857	4.20693
.980	5.970	.02823	-.34234	-.35749	-.42011	.38889	.39776	4.20537
.979	7.957	.02060	-.34293	-.35755	-.42531	.39397	.40033	4.19885
.977	9.994	.00535	-.34334	-.35602	-.41831	.38798	.39575	4.19579
.980	12.005	.06057	-.33973	-.36230	-.42949	.38164	.38967	4.19473
.977	13.977	-.01122	-.34321	-.36957	-.43482	.36885	.37072	4.19972
.978	16.022	.03146	-.34262	-.38466	-.44520	.34809	.35974	4.19156
.978	18.021	-.00828	-.34407	-.39683	-.45631	.32043	.33566	4.19905
	GRADIENT	-.00034	.00609	.00133	.00209	.01091	.00787	.00164

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.050	-4.011	-.04137	-.37826	-.34987	-.41579	.34983	.38978	3 81794
1.050	-2.006	-.03995	-.35336	-.34009	-.40304	.38121	.40811	3.81783
1.050	-.055	-.05610	-.33353	-.33211	-.39388	.40818	.42618	3.81386
1.050	1.946	-.05909	-.31562	-.32487	-.38222	.42791	.44205	3.81164
1.050	3.967	-.03072	-.30368	-.31531	-.37352	.44233	.45113	3.81219
1.050	5.950	-.02846	-.29433	-.30772	-.36733	.45090	.45731	3.81661
1.050	8.010	-.04364	-.28590	-.30494	-.36670	.45329	.45912	3.81263
1.050	9.991	-.02923	-.28140	-.29778	-.35746	.45054	.45667	3.81238
1.050	11.987	-.05063	-.27762	-.30111	-.35932	.44295	.44790	3.81212
1.050	14.029	-.04983	-.27184	-.29648	-.35638	42870	.43248	3.81460
1.049	15.995	-.05507	-.26735	-.30564	-.36145	.41221	.41571	3.81422
1.050	17.990	-.04488	-.26345	-.31291	-.36274	.38479	.39303	3.81761
	GRADIENT	.00013	.00938	.00424	.00529	.01163	.00786	-.00089

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.101	-1.969	.03297	-.28506	-.28317	-.33735	.42462	.45663	3.86045
1.099	.055	-.02458	-.26356	-.27145	-.32584	.44867	.47277	3.84305
1.099	2.012	-.02394	-.24866	-.26429	-.31542	.46567	.48457	3.85318
1.101	4.037	.03866	-.23148	-.25080	-.30181	.47951	.49408	3.85807
1.098	6.006	-.02105	-.22902	-.24811	-.30128	.48749	.49780	3.85007
1.101	8.047	.03941	-.21637	-.24074	-.29608	.48889	.49570	3.87281
1.098	10.017	-.03499	-.21810	-.23777	-.29387	.48465	.49396	3.90418
1.102	12.052	.02985	-.20716	-.23644	-.28852	.47792	.48666	3.90321
1.099	14.010	-.01434	-.20831	-.23593	-.28950	.46475	.47321	3.89780
1.100	16.025	.03519	-.20388	-.24109	-.29349	.44738	.45780	3.90129
1.100	18.045	.03500	-.20055	-.24734	-.29573	.42494	.43789	3.90332
	GRADIENT	.00089	.00880	.00522	.00586	.00910	.00622	.00014

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-3.934	.03267	-.27576	-.25658	-.32598	.41457	.45915	3.87765
1.150	-1.988	.03226	-.25772	-.24417	-.31444	.43934	.47373	3.89045
1.148	.000	.03353	-.24063	-.22554	-.29744	.46072	.48593	3.85344
1.150	1.998	.03197	-.21945	-.21230	-.28180	.47816	.49761	3.87686
1.150	4.013	.05268	-.20687	-.20004	-.26948	.48906	.50283	3.88744
1.150	6.026	.03196	-.19573	-.18856	-.25666	.49608	.50464	3.84851
1.149	8.010	.03001	-.18702	-.18296	-.25340	.49793	.50899	3.85830
1.149	10.080	.02214	-.18089	-.17265	-.24431	.49533	.50441	3.86648
1.150	12.022	.02363	-.17235	-.17500	-.24138	.48942	.50069	3.87647
1.146	14.094	.04003	-.16525	-.16905	-.22242	.47645	.49061	3.85479
1.147	16.036	.03201	-.15996	-.17131	-.22844	.46398	.47755	3.86330
1.149	18.044	.03111	-.15421	-.17166	-.23618	.44494	.45961	3.85889
	GRADIENT	.00201	.00885	.00729	.00733	.00944	.00559	.00031

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.199	-1.874	.06219	-.23538	-.25893	-.29060	.44717	.47848	3.89476
1.200	.013	.05093	-.21796	-.24307	-.27490	.46527	.48861	3.90536
1.199	2.024	.06468	-.20016	-.22479	-.25913	.48028	.49904	3.89957
1.198	4.065	.06276	-.18472	-.20584	-.24400	.49194	.50527	3.89750
1.200	5.985	.05268	-.17045	-.19292	-.22968	.49997	.51084	3.89655
1.198	8.062	.06082	-.16126	-.18476	-.22659	.50104	.50999	3.91230
1.198	10.072	.06415	-.15281	-.17227	-.21633	.49865	.50816	3.90644
1.198	12.020	.07192	-.14242	-.16953	-.21011	.49386	.50637	3.90191
1.201	13.911	.05139	-.13215	-.16764	-.19946	.48677	.49736	3.90448
1.199	16.059	.06624	-.12595	-.16397	-.20403	.47593	.48816	3.89553
1.200	18.069	.06521	-.11774	-.16818	-.19810	.45970	.47761	3.90352
	GRADIENT	.00081	.00855	.00896	.00784	.00751	.00457	.00009

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.301	-2.099	.02084	-.20785	-.24731	-.26515	.45079	.50067	3.59535
1.299	-.054	.02245	-.18928	-.21725	-.24998	.47168	.51495	3.59858
1.300	1.992	.01930	-.16845	-.20527	-.23023	.48922	.52413	3.60239
1.301	3.918	.02128	-.15226	-.19135	-.21114	.49934	.52679	3.60472
1.299	6.013	.02304	-.13838	-.16492	-.19274	.50362	.53140	3.60210
1.300	7.959	.02137	-.12470	-.14921	-.18156	.50742	.53343	3.60747
1.301	9.958	.02969	-.11076	-.13757	-.17165	.50593	.53453	3.60697
1.299	12.010	.03138	-.09628	-.13631	-.15868	.49934	.53198	3.60297
1.299	14.013	.03011	-.08802	-.13535	-.15089	.49565	.52667	3.59395
1.300	15.979	.02479	-.07917	-.13098	-.14677	.48592	.51914	3.59942
1.298	18.014	.02671	-.08110	-.13001	-.14265	.47739	.51174	3.60351
	GRADIENT	-.00009	.00934	.00897	.00904	.00814	.00437	.00159

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR011) (26 JUL 78)

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SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.401	-1.978	-.03899	-.18137	-.20308	-.23213	.44281	.49848	3.50324
1.401	.046	-.04466	-.16628	-.19178	-.21686	.45641	.51077	3.49532
1.399	1.976	-.04320	-.14991	-.17133	-.20035	.47406	.52138	3.50539
1.398	3.877	-.04274	-.13493	-.14895	-.18613	.49120	.53005	3.49395
1.400	5.875	-.04540	-.12261	-.13084	-.17131	.50108	.53520	3.50762
1.399	7.959	-.04244	-.10294	-.11928	-.15874	.50542	.53995	3.49427
1.401	9.928	-.04313	-.09129	-.10909	-.14859	.50366	.53996	3.49081
1.399	11.970	-.03625	-.07425	-.09689	-.13999	.50268	.54002	3.50375
1.400	13.987	-.03894	-.06476	-.08855	-.12877	.49799	.53503	3.50229
1.401	15.964	-.04001	-.06959	-.08508	-.12741	.49336	.52616	3.49215
1.398	17.979	-.03897	-.06853	-.08744	-.12080	.48710	.52157	3.50042
	GRADIENT	-.00051	.00798	.00936	.00792	.00834	.00541	-.00091

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.550	-3.908	-.12939	-.14442	-.19114	-.19314	.45039	.47910	3.12005
1.550	-1.938	-.13664	-.13375	-.18316	-.18356	.45922	.49498	3.11359
1.549	.101	-.13415	-.12486	-.17236	-.17244	.47572	.50037	3.11308
1.549	2.006	-.13436	-.10850	-.15500	-.16205	.48937	.50921	3.11579
1.551	4.041	-.13181	-.08600	-.13696	-.14463	.50621	.52066	3.11517
1.550	6.042	-.13033	-.07403	-.11204	-.13431	.51844	.52909	3.11241
1.550	8.071	-.12786	-.06432	-.09889	-.12628	.52206	.53304	3.10691
1.550	10.068	-.12125	-.05653	-.09579	-.11709	.53207	.53890	3.11576
1.550	12.078	-.11810	-.05680	-.08653	-.11038	.53647	.54265	3.11572
1.549	14.111	-.12056	-.05215	-.08225	-.10356	.53349	.54382	3.11161
1.550	16.076	-.12176	-.05435	-.08730	-.09686	.52445	.53668	3.11086
	GRADIENT	-.00013	.00716	.00688	.00598	.00715	.00491	-.00038

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.199	-1.834	1.95535	-.20819	-.22328	-.27983	.04613	.17222	2.27541
.201	.185	2.04675	-.18990	-.20689	-.26257	.08402	.19321	2.29388
.201	2.159	2.06043	-.20156	-.21646	-.27449	.10342	.22590	2.28993
.200	4.155	2.01016	-.20666	-.21083	-.27112	.12681	.24951	2.28775
.200	6.093	1.97849	-.21390	-.22671	-.28935	.11637	.25674	2.28456
.200	7.827	1.79194	-.22414	-.22617	-.29332	.13522	.25437	2.28133
.200	9.847	1.70553	-.23080	-.23499	-.29576	.13353	.24855	2.27780
.200	11.799	1.82293	-.24121	-.23889	-.30613	.12295	.22272	2.28016
.200	13.699	1.80752	-.25763	-.25313	-.32257	.10232	.20862	2.27999
.199	15.718	1.83309	-.27160	-.26490	-.33678	.08100	.18552	2.27487
	GRADIENT	.00897	-.00034	.00140	.00072	.01312	.01326	.00167

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.252	-2.013	1.92393	-.18026	-.19504	-.25063	.06731	.19093	1.83040
.252	.002	2.04735	-.17812	-.19291	-.25063	.09505	.21863	1.83122
.252	1.995	2.07041	-.18597	-.19433	-.25613	.12681	.24362	1.83458
.252	3.987	2.07997	-.18689	-.19101	-.25306	.13781	.26362	1.83202
.251	6.020	2.10500	-.19330	-.19530	-.26006	.14513	.27422	1.82433
.250	7.934	2.00625	-.19761	-.20391	-.26653	.14728	.28714	1.82593
.250	9.843	1.69448	-.21157	-.21574	-.27428	.14770	.27299	1.82005
.251	11.909	1.88358	-.22536	-.22304	-.29205	.13427	.25249	1.82257
.251	13.898	1.92431	-.24359	-.23697	-.30357	.11674	.23665	1.82644
.252	15.921	1.93182	-.25709	-.24836	-.31630	.08864	.19731	1.83157
	GRADIENT	.02461	-.00139	.00053	-.00064	.01217	.01216	.00041

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.400	-1.936	2.04605	-.18519	-.20133	-.26296	.07165	.20649	2.15022
.401	.022	2.05671	-.19077	-.19992	-.26492	.09807	.22920	2.15210
.401	2.016	2.04142	-.19262	-.19944	-.26558	.12627	.25506	2.15284
.401	4.002	2.04299	-.20053	-.20156	-.26879	.14466	.27216	2.15376
.402	5.965	2.05162	-.20542	-.20297	-.27591	.15211	.28179	2.15498
.400	7.900	1.94379	-.21286	-.21039	-.27908	.15594	.28168	2.14917
.399	9.957	1.83495	-.22502	-.22254	-.28804	.15365	.27412	2.14466
.399	11.830	1.83907	-.23117	-.22634	-.30005	.14649	.26233	2.14422
.398	13.838	1.85170	-.24948	-.24109	-.31294	.12488	.23443	2.13730
.398	15.862	1.87664	-.26424	-.25700	-.33014	.09649	.19910	2.13586
	GRADIENT	-.00124	-.00242	-.00001	-.00092	.01248	.01125	.00057

OA232 AEDC 16T TF431 LA .2P/S RA .2A • (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.600	-1.926	1.95809	-.20476	-.21754	-.28840	.07800	.22123	3.24119
.600	.080	1.95860	-.21001	-.21763	-.29110	.11159	.25075	3.23988
.601	2.085	1.96682	-.21578	-.21874	-.29517	.13826	.27459	3.24236
.601	4.085	1.97066	-.22194	-.22128	-.29605	.15447	.28845	3.24752
.601	7.998	1.95717	-.23916	-.23540	-.31430	.16797	.30258	3.24488
.601	10.061	1.89968	-.25404	-.24511	-.32105	.16615	.29426	3.24397
.601	11.884	1.93373	-.26757	-.25656	-.34027	.15743	.28455	3.24166
.601	13.886	1.98200	-.28558	-.27147	-.35413	.13985	.26023	3.24214
.600	15.897	2.01520	-.30423	-.28646	-.37444	.11525	.23169	3.23894
.598	17.853	2.00446	-.32735	-.30431	-.39472	.07722	.19878	3.23346
	GRADIENT	.00229	-.00286	-.00061	-.00165	.01278	.01126	.00107

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP12.	CP122	CP123	CP124	RE
.698	-1.959	2.00075	-.20913	-.22600	-.30154	.09535	.24142	3.56955
.700	.082	1.98223	-.21482	-.22622	-.30545	.12957	.27194	3.58243
.700	2.041	2.00788	-.22222	-.22745	-.31135	.15367	.29173	3.57556
.701	4.095	1.99505	-.23094	-.23080	-.31403	.17014	.30697	3.58228
.701	6.090	2.02958	-.24120	-.23899	-.32687	.17610	.31724	3.57857
.702	7.969	1.97410	-.25173	-.24787	-.33515	.18523	.32483	3.58392
.702	10.040	1.87970	-.26944	-.26065	-.34248	.18164	.31748	3.58825
.700	11.880	1.90655	-.28640	-.27507	-.36397	.17438	.30590	3.57557
.700	13.862	1.93882	-.30796	-.29168	-.38050	.16062	.28250	3.57876
.700	15.860	1.95279	-.33086	-.30962	-.40438	.13579	.25634	3.58043
.700	17.910	1.97817	-.35638	-.32972	-.42652	.09717	.22497	3.57584
	GRADIENT	.00039	-.00362	-.00078	-.00215	.01235	.01076	.00157

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.800	-3.939	2.03094	-.20050	-.23126	-.30816	.09105	.24927	3.86116
.800	-2.045	2.07342	-.20655	-.23149	-.31529	.12719	.27758	3.84950
.800	.000	2.05554	-.21469	-.23296	-.32421	.16104	.30270	3.85475
.799	1.978	2.05768	-.22659	-.23860	-.33128	.18406	.32262	3.85540
.800	3.989	2.08144	-.24132	-.24636	-.34082	.20080	.33801	3.85326
.800	6.006	2.10920	-.25834	-.25989	-.36013	.20787	.34871	3.85798
.800	7.947	2.06394	-.27761	-.27741	-.38014	.21214	.36033	3.85579
.800	10.017	1.85387	-.30762	-.29975	-.39373	.21513	.35523	3.86162
.800	11.941	1.88748	-.33235	-.32308	-.42985	.20630	.34490	3.86291
.800	13.904	1.91571	-.35853	-.34925	-.45258	.19177	.32453	3.86033
.800	15.895	1.91011	-.38758	-.37932	-.48889	.17122	.29841	3.86173
.798	17.981	1.94270	-.42182	-.41140	-.52084	.13429	.26844	3.85027
.798	18.963	1.95260	-.43539	-.43161	-.53802	.11386	.25015	3.85770
	GRADIENT	.00425	-.00512	-.00188	-.00409	.01389	.01118	-.00048

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.849	-3.974	2.05947	-.17020	-.21730	-.29367	.11564	.27606	3.94767
.850	-2.002	2.09662	-.17537	-.21401	-.30301	.15501	.30312	3.97463
.851	-.034	2.11406	-.18559	-.21654	-.31547	.18671	.32802	3.96427
.851	1.965	2.12168	-.20332	-.22674	-.32665	.20752	.34804	3.97405
.850	3.993	2.08435	-.22648	-.24316	-.34602	.22243	.36116	3.96639
.850	5.964	2.14451	-.25346	-.26396	-.37839	.23033	.37345	3.96662
.849	7.944	2.06393	-.27881	-.30097	-.41335	.23452	.38431	3.96245
.849	10.033	1.84843	-.31024	-.33692	-.43110	.23710	.37716	3.96324
.850	11.921	1.83561	-.33504	-.35067	-.46815	.22952	.36855	3.96335
.850	13.923	1.91607	-.38325	-.37097	-.50387	.21520	.34730	3.96005
.850	15.908	1.90609	-.42771	-.42681	-.53988	.19671	.32460	3.96018
.849	17.942	1.92925	-.45642	-.48980	-.59084	.16381	.29550	3.96583
	GRADIENT	.00372	-.00707	-.00325	-.00645	.01336	.01080	.00184

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.900	-3.941	2.05678	-.28302	-.11273	-.15487	.15342	.31202	4.06170
.900	-2.084	2.07112	-.34153	-.13025	-.20710	.18620	.33398	4.05249
.900	-.046	2.11651	-.34583	-.18282	-.38874	.21654	.35894	4.04720
.900	1.976	2.08994	-.34383	-.35760	-.43366	.23930	.37370	4.04461
.900	3.982	2.10629	-.34356	-.44243	-.45118	.25384	.38957	4.04255
.899	5.913	2.16409	-.34565	-.46166	-.46922	.25686	.39929	4.04671
.900	7.882	2.02661	-.35232	-.47320	-.48655	.26527	.41448	4.05754
.900	10.011	1.84314	-.37286	-.48199	-.49410	.26830	.40757	4.05976
.900	11.896	1.82934	-.38118	-.49947	-.51373	.26074	.39943	4.05874
.900	13.993	1.90688	-.38787	-.50971	-.52396	.24531	.37903	4.06138
.900	15.923	1.87786	-.39971	-.52803	-.53529	.22778	.35826	4.05971
.900	17.912	1.87469	-.41182	-.54894	-.55224	.19878	.33108	4.06243
	GRADIENT	.00589	-.00610	-.04471	-.04114	.01274	.00978	-.00231

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.950	-4.053	2.03607	-.39352	-.37737	-.41682	.19334	.35099	4.14340
.949	-1.984	2.10560	-.37700	-.41204	-.42961	.22797	.37561	4.13290
.949	-.008	2.07007	-.36516	-.42545	-.43811	.25712	.39530	4.13340
.951	2.023	2.04860	-.35183	-.43267	-.43345	.27786	.41319	4.14398
.950	3.944	2.10564	-.33918	-.43563	-.43034	.29091	.42654	4.14524
.950	6.031	2.08938	-.32673	-.43881	-.43122	.29945	.43660	4.14152
.950	7.948	1.99201	-.32465	-.43839	-.43686	.30306	.44505	4.13356
.951	9.957	1.96853	-.32799	-.43493	-.42678	.30300	.44625	4.13838
.950	11.951	1.82302	-.33171	-.44568	-.44416	.29824	.43059	4.14704
.949	13.889	1.89959	-.33359	-.45001	-.44530	.28301	.41557	4.13062
.950	15.961	1.95515	-.33941	-.46528	-.45624	.26515	.39359	4.13090
.950	17.916	1.94772	-.34807	-.48113	-.47125	.23774	.36849	4.14244
	GRADIENT	.00406	.00669	-.00689	-.00156	.01227	.00944	.00073

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.976	-2.013	1.94347	-.34156	-.38883	-.40269	.25531	.39373	4.21216
.979	.038	2.03645	-.32985	-.40503	-.40541	.28401	.42104	4.20487
.979	1.975	2.07030	-.32745	-.41028	-.40174	.30245	.43837	4.21129
.979	3.999	2.05086	-.31649	-.40230	-.39514	.31561	.44988	4.19977
.981	6.014	2.10355	-.30632	-.39781	-.39539	.32445	.45732	4.20293
.980	7.954	2.02127	-.30271	-.39556	-.40319	.32831	.46545	4.19497
.980	9.914	1.92413	-.30402	-.39086	-.39179	.32764	.45994	4.20367
.982	12.005	1.93101	-.29607	-.39853	-.39582	.32131	.45355	4.20090
.980	13.912	1.93635	-.29895	-.40508	-.39956	.30903	.43687	4.19486
.980	15.939	1.94520	-.30223	-.41982	-.41066	.29016	.41544	4.19630
.979	17.970	1.96969	-.30778	-.43747	-.42413	.26002	.39570	4.20532
	GRADIENT	.01787	.00389	-.00229	.00131	.00999	.00931	-.00155

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.049	-4.003	1.89573	-.34606	-.37658	-.39038	.29549	.44105	3.81692
1.050	-1.958	1.95303	-.31933	-.35801	-.37411	.32643	.46388	3.80954
1.050	-.003	2.00471	-.29589	-.36295	-.36193	.34983	.48281	3.80988
1.050	2.027	2.00477	-.27689	-.35780	-.34850	.36815	.49624	3.81417
1.050	4.028	2.01448	-.26233	-.34886	-.33985	.38111	.50739	3.81480
1.050	6.044	2.08477	-.25228	-.34692	-.33344	.38567	.51742	3.81011
1.050	8.002	2.01184	-.24242	-.34670	-.33028	.38930	.52441	3.81089
1.050	10.020	2.03389	-.24233	-.34006	-.31773	.38504	.52425	3.81688
1.050	11.946	1.93586	-.23853	-.34202	-.32283	.38137	.51130	3.81199
1.049	13.924	1.96242	-.23499	-.33387	-.31830	.30639	.49323	3.80881
1.050	15.950	1.99986	-.23016	-.34175	-.32353	.34967	.47619	3.81148
1.051	17.949	2.00207	-.22865	-.34913	-.32770	.32518	.45288	3.81660
	GRADIENT	.01442	.01047	.00328	.00632	.01062	.00823	.00002

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.098	-1.979	1.93984	-.24850	-.31070	-.30624	.36943	.50544	3.90179
1.101	.040	2.03548	-.22501	-.30045	-.28863	.38767	.52240	3.90034
1.101	2.035	2.06642	-.20658	-.29062	-.27340	.40537	.53743	3.89573
1.099	4.029	2.01599	-.19727	-.28300	-.27063	.41821	.54671	3.91354
1.099	6.084	2.04144	-.18793	-.27684	-.26669	.42257	.55186	3.89635
1.097	7.996	1.99455	-.18127	-.27778	-.26708	.42493	.55501	3.90330
1.098	10.037	2.03451	-.17712	-.27338	-.25247	.42254	.55125	3.89938
1.102	11.854	1.86207	-.16999	-.27372	-.25199	.41946	.54169	3.89986
1.098	13.940	1.97139	-.17224	-.27316	-.25393	.40598	.52660	3.89342
1.101	15.878	1.91212	-.16782	-.27643	-.25554	.39367	.50831	3.90007
1.100	17.905	1.93313	-.16721	-.28344	-.26058	.37097	.48898	3.90017
1.100	19.879	.30789	-.20646	-.25817	-.29563	.40578	.41167	3.90105
	GRADIENT	.01300	.00860	.00464	.00610	.00819	.00694	.00153

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-3.944	2.00688	-.24012	-.27630	-.29658	.36006	.51070	3.85808
1.149	-1.937	2.01399	-.22454	-.26359	-.28445	.38662	.52738	3.85539
1.150	.036	2.02871	-.20644	-.25208	-.27008	.40418	.54309	3.86619
1.150	2.026	2.06033	-.18762	-.24001	-.25431	.41999	.55186	3.88279
1.150	4.020	2.04605	-.17138	-.23402	-.24058	.42910	.55868	3.85235
1.149	6.066	2.04735	-.15302	-.22882	-.22503	.43171	.56414	3.86526
1.150	7.932	1.98545	-.13840	-.23570	-.21314	.43622	.57209	3.85344
1.149	9.882	1.89758	-.13626	-.23178	-.19604	.43801	.56703	3.86121
1.149	11.917	1.87358	-.12518	-.23065	-.19807	.43475	.55720	3.86284
1.148	13.894	1.90700	-.11902	-.22040	-.18955	.42369	.54342	3.87202
1.150	15.889	1.91221	-.11212	-.22185	-.19428	.41456	.52984	3.85622
1.150	17.908	1.93465	-.10555	-.22246	-.19052	.39379	.51039	3.86367
	GRADIENT	.00627	.00877	.00544	.00715	.00852	.00606	.00080

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.197	-1.990	2.04311	-.20343	-.27532	-.26234	.39125	.52903	3.90277
1.199	.070	2.04390	-.18678	-.26109	-.24784	.40600	.54073	3.90279
1.198	2.066	2.05053	-.17008	-.24201	-.23092	.42398	.55503	3.89960
1.198	4.019	2.06599	-.15541	-.22845	-.21518	.43165	.56001	3.89849
1.198	6.032	2.08807	-.14162	-.21388	-.20087	.43402	.56760	3.89308
1.201	7.929	2.02582	-.12812	-.20830	-.19587	.43782	.57315	3.90123
1.197	10.006	1.81744	-.12565	-.19512	-.18376	.44280	.56754	3.90120
1.197	11.894	1.85774	-.11758	-.19716	-.18117	.44065	.56493	3.89882
1.202	13.907	1.90837	-.10967	-.19148	-.17118	.42827	.54839	3.90047
1.199	15.883	1.90826	-.10258	-.19163	-.17320	.42162	.54038	3.89976
1.198	17.907	1.90941	-.10012	-.19408	-.17157	.40674	.52550	3.90577
	GRADIENT	.00374	.00803	.00797	.00791	.00696	.00530	-.00080

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	-1.965	1.97817	-.17495	-.26412	-.23127	.40315	.55882	3.59786
1.298	.020	2.02979	-.15095	-.25087	-.21377	.41156	.56876	3.60325
1.299	1.979	2.06454	-.13191	-.23068	-.19406	.42633	.57793	3.59474
1.299	4.006	2.04174	-.12205	-.20694	-.17562	.44262	.58693	3.60639
1.301	6.040	2.10263	-.11651	-.18967	-.16740	.44424	.58902	3.59946
1.299	7.952	2.02213	-.10839	-.18712	-.16510	.45727	.59054	3.59528
1.299	9.998	2.00536	-.08821	-.16094	-.13671	.46306	.58556	3.60840
1.301	11.905	1.98984	-.09630	-.14948	-.13263	.46434	.57773	3.59607
1.301	13.902	1.92981	-.09368	-.13758	-.12048	.46396	.57305	3.60658
1.300	15.964	1.95750	-.08954	-.13248	-.11932	.45260	.56068	3.59532
1.299	17.930	1.96522	-.08763	-.13895	-.12671	.44308	.55442	3.60978
	GRADIENT	.01129	.00893	.00965	.00939	.00670	.00470	.00087

OA232 AEDC 16T TF431 LA .2P/S RA .2A (PVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.399	-3.951	1.92708	-.16440	-.24222	-.22100	.36013	.53235	3.50058
1.399	-2.062	1.98129	-.15026	-.23023	-.20990	.38411	.55082	3.50716
1.399	-.026	1.97470	-.13133	-.21364	-.19352	.39679	.56446	3.49089
1.399	2.010	1.98051	-.11215	-.19562	-.17787	.41562	.57671	3.50212
1.401	4.008	2.00170	-.09619	-.17925	-.15693	.43243	.58351	3.50510
1.400	6.040	2.10302	-.07939	-.15937	-.13292	.44116	.58917	3.49447
1.400	8.038	2.10702	-.07098	-.15525	-.13205	.44413	.58841	3.50535
1.400	10.115	1.94794	-.06494	-.13740	-.12362	.46075	.58737	3.49508
1.401	11.977	1.97140	-.05445	-.12476	-.10268	.46104	.57852	3.50204
1.399	13.972	2.00552	-.04409	-.11672	-.10095	.45797	.56971	3.50158
1.400	15.995	2.01067	-.05883	-.11282	-.08669	.45168	.55890	3.49973
1.399	18.010	2.02016	-.05973	-.11604	-.08244	.44570	.55157	3.49703
	GRADIENT	.00737	.00874	.00804	.00802	.00880	.00640	.00020

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.550	-3.884	1.77379	-.12040	-.21295	-.16893	.39695	.53423	3.11185
1.550	-1.889	1.84667	-.10954	-.20332	-.16154	.41071	.55107	3.11342
1.550	.100	1.85984	-.09461	-.19377	-.14343	.42809	.55890	3.11609
1.550	2.143	1.86100	-.07882	-.16601	-.13149	.43031	.56783	3.11459
1.550	4.161	1.87869	-.06992	-.14727	-.11402	.44867	.57861	3.11418
1.550	6.194	1.95135	-.05581	-.12692	-.10268	.45261	.58831	3.12078
1.550	8.107	2.01912	-.04489	-.11408	-.09762	.45604	.59815	3.11349
1.550	10.075	1.93643	-.05111	-.10146	-.08471	.46881	.59606	3.11756
1.549	11.895	1.99044	-.04619	-.09571	-.08622	.47376	.59655	3.11078
1.550	13.923	2.04652	-.05171	-.09316	-.08687	.47301	.59702	3.11767
1.549	15.882	2.09257	-.05460	-.09099	-.08787	.46403	.59254	3.11574
1.549	17.875	2.09671	-.06210	-.08652	-.07957	.44873	.57729	3.10787
	GRADIENT	.01111	.00654	.00839	.00695	.00611	.00524	.00029

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (PVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.700	-1.945	-.21587	-.22104	-.22338	-.30110	.16775	.17733	3.57873
.701	.002	-.17182	-.22697	-.22559	-.30364	.19480	.20852	3.58164
.702	2.035	-.12579	-.23612	-.22856	-.30980	.21721	.23710	3.58103
.702	4.113	-.08251	-.24516	-.23265	-.31263	.23403	.25063	3.58123
.703	6.181	-.03740	-.25369	-.24120	-.32639	.24558	.25928	3.58637
	GRADIENT	.02207	-.00404	-.00153	-.00202	.01093	.01227	.00034

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.200	-1.708	.10331	-.20617	-.21693	-.28201	.09734	.12111	2.27399
.200	.137	.10451	-.20242	-.20665	-.27561	.13354	.15284	2.28170
.200	2.134	.10608	-.21106	-.21098	-.27826	.15975	.17699	2.27188
.200	4.213	.10742	-.21677	-.20806	-.28156	.17642	.19358	2.27620
.200	6.138	.10875	-.22013	-.22005	-.29134	.19212	.20279	2.27992
.201	8.137	.11107	-.22654	-.22006	-.28621	.19983	.20823	2.29494
.201	10.165	.11210	-.23355	-.22493	-.29324	.19303	.19506	2.29280
.202	12.171	.11333	-.24635	-.23569	-.30552	.18074	.17853	2.30256
.203	14.189	.11512	-.25309	-.24880	-.32017	.15587	.16417	2.31201
.203	16.176	.11651	-.27981	-.26926	-.34459	.11325	.12990	2.31521
	GRADIENT	.00070	-.00208	.00110	-.00010	.01326	.01217	-.00018

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.396	-1.917	.07926	-.19602	-.20188	-.26844	.11870	.14711	2.12608
.397	.032	.07939	-.19386	-.19614	-.26590	.15821	.17583	2.13197
.397	1.999	.07942	-.20262	-.20018	-.27231	.18373	.20016	2.13248
.397	4.009	.07838	-.20602	-.20122	-.27209	.20236	.20933	2.13336
.397	6.022	.07849	-.21362	-.20764	-.28078	.21546	.21887	2.13469
.398	8.027	.07906	-.22205	-.21373	-.28793	.21694	.21799	2.13683
.398	10.028	.07938	-.23349	-.22165	-.29107	.21091	.21431	2.13720
.397	12.033	.07921	-.24228	-.23040	-.30121	.19987	.20094	2.13459
.397	14.026	.07911	-.26005	-.24578	-.32377	.17562	.18024	2.13370
.397	16.049	.08105	-.27757	-.26096	-.34006	.14589	.15642	2.13454
	GRADIENT	-.00013	-.00197	-.00011	-.00088	.01399	.01067	.00113

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.598	-2.039	-.04092	-.21010	-.21575	-.29149	.13010	.16322	3.23508
.600	.111	-.04529	-.21538	-.21739	-.29540	.16523	.19253	3.23650
.600	2.039	-.04698	-.21966	-.21806	-.29698	.19339	.21032	3.24718
.600	3.993	-.04908	-.22680	-.22158	-.30116	.21174	.22354	3.23584
.600	6.000	-.04848	-.23453	-.22670	-.30865	.22537	.23357	3.22489
.601	8.000	-.04855	-.24246	-.23314	-.31503	.23021	.23733	3.24346
.600	10.064	-.04538	-.25735	-.24383	-.32098	.22455	.22860	3.23468
.599	12.040	-.04187	-.27190	-.25524	-.34240	.21611	.21965	3.22659
.599	14.029	-.03714	-.28820	-.26999	-.35396	.19471	.20395	3.22672
.599	16.077	-.03416	-.30762	-.28629	-.37343	.16892	.17767	3.22662
	GRADIENT	-.00131	-.00271	-.00090	-.00153	.01367	.00996	.00066

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.700	-2.042	-.00816	-.21509	-.22411	-.30399	.14928	.18102	3.58061
.700	.148	-.00991	-.22024	-.22429	-.30783	.19095	.20818	3.58131
.702	2.066	-.01194	-.22724	-.22633	-.31245	.21707	.23052	3.58357
.701	3.979	-.01170	-.23540	-.23078	-.31996	.23755	.24524	3.58557
.701	5.966	-.01104	-.24471	-.23678	-.32392	.24765	.25204	3.58408
.700	8.031	-.01014	-.25778	-.24738	-.33490	.25127	.2540	3.58658
.701	10.046	-.00879	-.27262	-.25891	-.33659	.24836	.24986	3.58595
.699	12.047	-.00423	-.29121	-.27169	-.35686	.23758	.24157	3.58512
.698	14.050	-.00098	-.31327	-.28990	-.38.76	.21917	.22319	3.57101
.696	16.054	.00175	-.33450	-.30818	-.[illegible]	.19559	.20110	3.57371
	GRADIEN	-.00064	-.00338	-.00103	-.00136	.01467	.01079	.00085

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

PARAMETRIC DATA

BETA = .000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.798	-1.998	.03057	-.21579	-.22860	-.31787	.18533	.21413	3.85468
.800	.022	.03419	-.22332	-.23124	-.32590	.22393	.24187	3.85691
.800	1.984	.03678	-.23492	-.23762	-.33510	.24629	.26144	3.85348
.800	3.965	.03853	-.24886	-.24668	-.34105	.26718	.27536	3.85262
.800	5.997	.04188	-.26688	-.26087	-.35904	.27859	.28260	3.85433
.800	7.982	.04455	-.28716	-.27940	-.37796	.28286	.28859	3.85294
.800	10.011	.04803	-.31227	-.30067	-.39263	.28009	.28410	3.85245
.800	11.995	.05201	-.33702	-.32195	-.42114	.27051	.27625	3.85567
.799	13.998	.05841	-.36578	-.34719	-.45420	.25416	.25888	3.85233
.799	16.024	.06224	-.39609	-.37599	-.49063	.23024	.23745	3.83100
	GRADIENT	.00133	-.00558	-.00305	-.00397	.01351	.01025	-.00048

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.850	-1.977	-.01089	-.18197	-.20684	-.30603	.21260	.24193	3.97055
.850	-.062	-.01061	-.19195	-.21292	-.31759	.24851	.26583	3.97345
.849	1.935	-.01186	-.20618	-.22393	-.33134	.27151	.28333	3.96800
.850	3.949	-.00934	-.22586	-.23937	-.34853	.28952	.29808	3.96984
.850	5.957	-.00837	-.24986	-.26433	-.38550	.30155	.30719	3.96891
.850	7.965	-.00845	-.27464	-.30269	-.42769	.30626	.31221	3.97185
.850	10.024	-.00681	-.29809	-.33065	-.43844	.30417	.30915	3.97507
.850	11.988	-.00447	-.32906	-.34606	-.45794	.29480	.30173	3.97870
.849	14.000	-.00281	-.40841	-.38594	-.48735	.27882	.28415	3.97565
.850	16.025	-.00027	-.45832	-.44061	-.54278	.25838	.26439	3.95982
	GRADIENT	.00017	-.00739	-.00550	-.00715	.01281	.00939	-.00039

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.900	-1.980	.07470	-.37033	-.13659	-.18055	.24403	.27588	4.05280
.901	-.001	.07249	-.40255	-.24542	-.30939	.27727	.29717	4.06893
.900	1.973	.07069	-.39838	-.39247	-.47452	.30091	.31619	4.08492
.900	3.975	.10464	-.39604	-.41176	-.48844	.31973	.32868	4.05735
.900	5.969	.07693	-.39786	-.42546	-.50544	.33078	.33758	4.05745
.900	7.987	.07942	-.40444	-.43992	-.52256	.33352	.34122	4.05853
.900	9.981	.11112	-.41039	-.45295	-.52690	.33194	.33996	4.05269
.899	11.999	.10889	-.41888	-.46634	-.54125	.32296	.33160	4.05136
.900	13.996	.07874	-.42609	-.47507	-.55392	.30944	.31351	4.04954
.900	16.018	.07892	-.43659	-.49123	-.56807	.29173	.29733	4.05730
.900	18.047	.07420	-.44734	-.51117	-.58412	.25782	.27075	4.05590
	GRADIENT	.00445	-.00367	-.04898	-.05483	.01263	.00894	.00148

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.949	-1.982	.05388	-.42553	-.38514	-.46225	.28523	.31542	4.13818
.948	-.011	.07757	-.41382	-.39599	-.46883	.31594	.33399	4.13559
.950	1.936	.02827	-.39959	-.39628	-.46799	.33887	.35222	4.14417
.949	3.980	.08601	-.38807	-.39806	-.46728	.35757	.36399	4.14278
.950	5.987	.08375	-.38104	-.39709	-.46977	.36586	.37257	4.14088
.950	7.949	.08474	-.37738	-.39749	-.47481	.37086	.37699	4.14244
.949	10.002	.08931	-.37746	-.39787	-.46855	.36863	.37476	4.14088
.947	12.001	.07577	-.38037	-.40836	-.48587	.35986	.36514	4.13687
.951	14.039	.01313	-.37941	-.41016	-.48037	.34617	.35115	4.14127
.950	15.942	.03737	-.38480	-.42563	-.49239	.33053	.33235	4.14400
.952	18.019	.00882	-.38691	-.44106	-.50326	.29871	.30747	4.13297
	GRADIENT	.00246	.00638	-.00196	-.00071	.01209	.00826	.00112

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.980	-2.081	.00937	-.40209	-.37146	-.44238	.30977	.34212	4.18344
.980	.046	.03264	-.38975	-.38519	-.45141	.34064	.36366	4.21153
.980	2.007	.03323	-.37839	-.38278	-.44821	.36022	.37683	4.21496
.980	3.910	.03541	-.36759	-.37871	-.44262	.37670	.38718	4.20842
.979	5.939	.03090	-.35632	-.37497	-.43990	.38845	.39555	4.19780
.980	7.962	.03477	-.35098	-.37437	-.44511	.39094	.39776	4.20161
.980	9.950	.00029	-.35096	-.36932	-.43558	.38896	.39438	4.20023
.980	12.006	.00981	-.34802	-.37509	-.44568	.38096	.38780	4.19354
.980	13.993	-.01562	-.34804	-.37533	-.44353	.37013	.37110	4.20169
.980	16.016	-.02645	-.34802	-.38927	-.45160	.35307	.35264	4.19503
.980	18.015	.01322	-.34708	-.40346	-.45943	.32061	.33188	4.20867
	GRADIENT	.00401	.00576	-.00102	.00008	.01109	.00747	.00403

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.050	-1.963	-.03566	-.35281	-.34115	-.40325	.38362	.41254	3.79832
1.049	-.011	-.05021	-.33389	-.33381	-.39445	.40867	.42660	3.79660
1.049	1.940	-.05442	-.31543	-.32576	-.38262	.42772	.43944	3.79316
1.050	3.965	-.02538	-.30351	-.31651	-.37361	.44218	.44971	3.79536
1.049	5.981	-.01991	-.29437	-.31037	-.36754	.45044	.45501	3.79507
1.050	7.988	-.03590	-.28517	-.30619	-.36623	.45231	.45716	3.80427
1.050	10.014	-.02505	-.28136	-.29939	-.35789	.45047	.45443	3.80732
1.049	12.002	-.00521	-.27677	-.30521	-.36285	.44151	.44726	3.80629
1.049	13.994	-.00335	-.27039	-.29824	-.35413	.42717	.43233	3.80705
1.049	16.017	-.06232	-.26737	-.30655	-.36011	.41207	.41308	3.80523
1.050	17.994	-.05396	-.26426	-.31358	-.36330	.38400	.39157	3.80207
	GRADIENT	.00139	.00842	.00416	.00510	.00986	.00630	-.00062

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.100	-1.895	.04138	-.28576	-.27768	-.34144	.42776	.45867	3.89899
1.100	-.033	-.02159	-.26506	-.27659	-.32978	.45088	.47217	3.89966
1.100	1.941	-.02636	-.24658	-.26602	-.31581	.46768	.48359	3.90238
1.101	4.017	.03931	-.23335	-.25390	-.30618	.48194	.49189	3.90404
1.100	6.001	.03728	-.22605	-.24859	-.30060	.48996	.49737	3.90132
1.100	8.012	.02959	-.21786	-.24492	-.29919	.49222	.49991	3.90101
1.100	10.034	.02124	-.21478	-.23846	-.29273	.48691	.49461	3.90105
1.099	12.005	-.03848	-.21243	-.24631	-.29780	.48025	.48741	3.90024
1.100	13.998	-.01951	-.20784	-.23860	-.29148	.46597	.47340	3.90185
1.101	16.034	.02804	-.20296	-.24557	-.29505	.45111	.45769	3.90216
1.100	18.066	.03915	-.20069	-.25268	-.29741	.42731	.43929	3.89827
	GRADIENT	-.00020	.00889	.00568	.00607	.00907	.00562	.00091

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-1.882	.03755	-.25935	-.24350	-.31528	.44064	.47561	3.90099
1.151	.029	.05607	-.23907	-.23126	-.29914	.46152	.48513	3.89678
1.149	2.084	.03604	-.22093	-.21228	-.28332	.47842	.49624	3.89511
1.149	3.966	.03536	-.20885	-.19937	-.26982	.48922	.50342	3.89667
1.149	6.005	.03669	-.19785	-.18838	-.25765	.49548	.50523	3.89955
1.150	8.013	.05529	-.18886	-.18411	-.25445	.49793	.50768	3.90100
1.150	10.051	.02544	-.18308	-.17584	-.24591	.49443	.50446	3.90033
1.150	12.043	.04822	-.17493	-.17848	-.24408	.48940	.49860	3.90015
1.149	14.054	.04297	-.16727	-.16667	-.23729	.47749	.48918	3.90127
1.149	16.042	.03648	-.16074	-.16596	-.23718	.46697	.47730	3.89882
1.150	18.083	.05195	-.15424	-.16943	-.23672	.44725	.45868	3.90137
	GRADIENT	-.00140	.00866	.00773	.00777	.00830	.00483	-.00075

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.199	-1.899	.05515	-.23563	-.25762	-.29168	.44655	.47901	3.89237
1.200	.031	.05866	-.21833	-.24080	-.27639	.46676	.48881	3.90389
1.201	1.923	.05297	-.20084	-.22460	-.26116	.48110	.49686	3.91344
1.200	3.944	.05186	-.18487	-.20816	-.24590	.49100	.50245	3.90524
1.201	5.950	.05340	-.16949	-.19527	-.23145	.50028	.50605	3.89734
1.199	8.010	.06385	-.16061	-.18672	-.22570	.50214	.51009	3.89490
1.199	10.011	.07706	-.15222	-.17449	-.21804	.50238	.50978	3.89857
1.200	12.066	.07659	-.13899	-.17693	-.21195	.49694	.50703	3.90643
1.200	14.048	.07415	-.12996	-.16545	-.20479	.48723	.49759	3.90646
1.200	16.006	.05178	-.12302	-.16822	-.20291	.47668	.48785	3.91145
1.200	18.059	.05698	-.11603	-.16576	-.19824	.46085	.47444	3.91575
	GRADIENT	-.00080	.00874	.00847	.00785	.00759	.00403	.00245

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.219	-1.949	.03305	-.22943	-.24388	-.28534	.44349	.47673	3.56047
1.220	.000	.03524	-.21298	-.22832	-.27098	.46024	.48313	3.55863
1.220	1.906	.04213	-.19648	-.21242	-.25421	.47759	.49278	3.55986
1.219	3.926	.04444	-.18101	-.19516	-.23954	.49221	.49997	3.56373
1.220	5.932	.04848	-.16709	-.17974	-.22493	.50083	.50475	3.57087
1.220	7.974	.05153	-.15568	-.17244	-.21610	.50470	.50832	3.57454
1.220	9.977	.06595	-.14539	-.16184	-.20690	.50247	.50578	3.57737
1.219	12.006	.06980	-.13153	-.15975	-.20274	.50068	.50782	3.58045
1.220	13.988	.06685	-.11987	-.15430	-.19615	.49103	.49936	3.57534
1.220	16.019	.06078	-.10741	-.15015	-.19265	.47964	.48946	3.57209
1.218	17.980	.05924	-.10495	-.14984	-.19242	.46634	.47826	3.56762
	GRADIENT	.00210	.00828	.00830	.00789	.00837	.00406	.00057

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.240	-2.006	.03607	-.23265	-.26223	-.28016	.44611	.48317	3.56766
1.239	.029	.04522	-.21163	-.24083	-.26162	.46524	.49223	3.58017
1.240	1.967	.04874	-.19323	-.21928	-.24777	.48115	.50001	3.56975
1.239	4.034	.04755	-.17292	-.19467	-.22945	.49427	.50761	3.55733
1.240	5.980	.04966	-.15815	-.18046	-.21488	.50075	.51111	3.56341
1.240	7.979	.05070	-.14541	-.17147	-.20640	.50605	.51258	3.56930
1.240	10.012	.06103	-.13541	-.15733	-.19688	.50423	.51133	3.57009
1.240	11.996	.06236	-.12809	-.15470	-.19190	.50014	.51046	3.57853
1.240	14.012	.05779	-.12140	-.14509	-.18728	.49353	.50298	3.57520
1.239	16.012	.04936	-.11736	-.14106	-.18445	.48384	.49476	3.57261
1.240	18.026	.04581	-.11326	-.14634	-.17829	.47238	.48272	3.57484
	GRADIENT	.00189	.00985	.01118	.00828	.00799	.00404	-.00206

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	-1.990	.01709	-.20682	-.24410	-.26559	.45121	.49896	3.55036
1.299	.002	.01629	-.18781	-.21730	-.25011	.47031	.51055	3.54949
1.300	1.989	.01816	-.16807	-.20364	-.23151	.48732	.52117	3.55170
1.300	3.995	.01773	-.15220	-.18970	-.21314	.49834	.52717	3.56083
1.300	6.004	.02124	-.13784	-.16293	-.19534	.50812	.53263	3.55901
1.300	8.026	.02127	-.12279	-.14822	-.18272	.50903	.53301	3.55146
1.300	9.976	.02760	-.10920	-.13638	-.17262	.50887	.53373	3.55345
1.300	12.011	.02962	-.09714	-.13787	-.16104	.50378	.53091	3.55647
1.300	14.019	.02447	-.08633	-.13598	-.15335	.49899	.52552	3.56106
1.299	15.969	.01963	-.07873	-.12979	-.14830	.49169	.52108	3.56418
1.300	18.050	.01941	-.07827	-.12737	-.14214	.47861	.50573	3.56028
	GRADIENT	.00009	.00921	.00887	.00882	.00794	.00477	.00169

OA232 AEDC 16T TF431 LA .2A RFN.IS (PVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.399	-1.985	-.04436	-.17930	-.20647	-.23375	.44249	.49835	3.51480
1.400	.022	-.03206	-.16324	-.19637	-.21846	.45955	.51245	3.52117
1.400	1.962	-.04248	-.14615	-.18046	-.20284	.47608	.52385	3.51654
1.399	3.977	-.03960	-.13017	-.15853	-.18728	.49354	.53079	3.50882
1.400	5.952	-.04234	-.11635	-.13754	-.17172	.50224	.53776	3.51102
1.400	7.986	-.03715	-.09737	-.11827	-.15732	.50645	.54052	3.51149
1.400	9.965	-.03193	-.08472	-.11193	-.14781	.50717	.54266	3.51149
1.400	11.982	-.02774	-.06948	-.10241	-.13885	.51038	.54442	3.51305
1.400	13.992	-.03162	-.06291	-.08897	-.13086	.50074	.53194	3.51220
1.400	15.951	-.03524	-.06374	-.08636	-.12738	.49090	.52639	3.51245
1.400	17.977	-.03305	-.06545	-.09121	-.12133	.48477	.51710	3.51398
	GRADIENT	.00021	.00830	.00806	.00782	.00856	.00548	-.00114

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.550	-1.859	-.13798	-.13628	-.18490	-.18590	.45924	.49210	3.12182
1.550	.031	-.13614	-.12814	-.17500	-.17504	.47409	.49975	3.11330
1.550	2.052	-.13690	-.10790	-.15458	-.16257	.49165	.50753	3.10398
1.551	4.093	-.13171	-.08706	-.13749	-.14641	.50642	.51846	3.10749
1.550	6.060	-.12907	-.07517	-.11158	-.13570	.51738	.52655	3.11397
1.550	8.089	-.12448	-.06526	-.09974	-.12699	.52225	.53235	3.11865
1.550	10.082	-.11705	-.05859	-.09717	-.11935	.53159	.53726	3.11823
1.550	12.062	-.11310	-.05940	-.08943	-.11260	.53529	.54001	3.11439
1.550	14.095	-.11200	-.05369	-.08476	-.10782	.53126	.54043	3.11213
1.549	16.084	-.11012	-.05663	-.08931	-.09855	.52137	.53372	3.10723
	GRADIENT	.00091	.00847	.00820	.00659	.00800	.00437	-.00261

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.201	-1.827	2.02960	-.20841	-.22113	-.28519	.03909	.16910	2.29706
.201	.217	2.05269	-.20036	-.21308	-.28139	.08333	.21541	2.29532
.203	2.133	2.06119	-.19603	-.20435	-.27795	.11077	.24088	2.31324
.204	4.121	2.04341	-.20475	-.20675	-.27950	.12967	.25620	2.32370
.203	6.092	1.96772	-.21944	-.21936	-.29480	.13028	.25993	2.31323
.204	7.842	1.84828	-.21702	-.21694	-.28979	.13659	.26536	2.31818
.200	9.797	1.66435	-.23767	-.23543	-.30009	.13915	.25740	2.27827
.200	11.702	1.75393	-.25656	-.24135	-.31917	.11717	.23366	2.27556
.201	13.722	1.80536	-.27400	-.26318	-.34043	.09696	.20831	2.28439
.201	15.703	1.84058	-.28043	-.27178	-.34668	.08737	.18560	2.28763
	GRADIENT	.00255	.00078	.00263	.00104	.01516	.01454	.00493

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.397	-1.949	2.07008	-.18600	-.20362	-.26618	.07230	.20424	2.13353
.398	.036	2.05583	-.19148	-.20082	-.26917	.10175	.22876	2.13506
.398	2.027	2.08019	-.19364	-.19944	-.26997	.12824	.25259	2.13749
.398	4.034	2.07320	-.20162	-.20154	-.27550	.13975	.26861	2.13911
.398	6.021	2.09153	-.20540	-.20532	-.28164	.15129	.28016	2.13840
.399	7.888	1.93939	-.21088	-.20963	-.28465	.15692	.28558	2.14008
.399	9.869	1.87584	-.22683	-.22089	-.29007	.15159	.27676	2.13938
.399	11.864	1.85206	-.23817	-.23222	-.30375	.14497	.26547	2.13890
.399	13.871	1.97767	-.25187	-.24474	-.32338	.12465	.23827	2.13858
.399	15.864	1.89269	-.27059	-.25995	-.33968	.09844	.20491	2.13948
.398	17.907	1.91437	-.28881	-.27343	-.35812	.05910	.16946	2.13590
	GRADIENT	.00169	-.00246	.00038	-.00144	.01147	.01087	.00096

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.600	-1.921	1.96689	-.20143	-.21845	-.28990	.07703	.21977	3.23722
.600	.057	1.97003	-.20640	-.21772	-.29323	.10902	.25471	3.24240
.601	2.070	1.96307	-.21165	-.21830	-.29678	.13467	.27234	3.24661
.600	4.093	1.98050	-.21768	-.21918	-.29586	.15113	.28827	3.22468
.602	6.111	2.02001	-.22425	-.22264	-.30529	.15946	.29875	3.22842
.601	8.014	2.01798	-.23596	-.23436	-.31631	.16282	.30385	3.24084
.601	10.027	1.88551	-.24873	-.24453	-.32106	.16583	.29647	3.23583
.601	11.881	1.93529	-.26351	-.25520	-.33413	.15472	.28402	3.24590
.600	13.852	1.98140	-.28235	-.27089	-.35534	.13816	.26129	3.23642
.599	15.888	1.99601	-.30171	-.28661	-.37318	.11233	.23244	3.23535
.600	17.886	2.01532	-.32156	-.30029	-.39130	.07752	.20251	3.24354
	GRADIENT	.00169	-.00269	-.00014	-.00107	.01236	.01111	-.00168

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.697	-1.908	1.99556	-.20576	-.22396	-.30089	.09593	.23952	3.57016
.700	.005	2.00455	-.21115	-.22430	-.30658	.12977	.26677	3.57727
.701	2.105	1.97784	-.21986	-.22720	-.31224	.15681	.28986	3.58172
.701	4.058	2.00612	-.22836	-.23075	-.31587	.17219	.30536	3.57869
.702	6.096	2.02556	-.23891	-.23799	-.32814	.18261	.31752	3.57281
.700	7.970	1.95649	-.24961	-.24786	-.33746	.18478	.32341	3.57055
.699	10.039	1.87047	-.27004	-.25919	-.34155	.18485	.31779	3.57942
.699	11.895	1.91395	-.28699	-.27239	-.35776	.17388	.30699	3.57598
.699	13.859	1.95092	-.30884	-.29091	-.38175	.15952	.28656	3.57033
.698	15.880	1.95811	-.33115	-.30863	-.40371	.13479	.25742	3.57073
.699	17.891	1.97689	-.35624	-.32872	-.42676	.09705	.22597	3.57044
	GRADIENT	.00018	-.00383	-.00117	-.00253	.01279	.01102	.00150

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.799	-2.004	2.08335	-.20512	-.23177	-.31549	.13058	.27479	3.86414
.799	-.017	2.05686	-.21353	-.23429	-.32463	.16220	.30158	3.86268
.800	2.012	2.05643	-.22577	-.23855	-.33252	.18708	.32076	3.85406
.800	3.963	2.10071	-.23991	-.24747	-.34257	.20288	.33805	3.85098
.800	6.025	2.08432	-.25763	-.25962	-.36097	.21191	.34846	3.85048
.800	7.926	1.97903	-.27672	-.27801	-.38074	.21570	.35674	3.85381
.800	9.993	1.98886	-.30457	-.29925	-.39492	.21167	.35639	3.85786
.800	11.885	1.86603	-.33128	-.32490	-.42378	.20765	.34206	3.85974
.800	13.917	1.91870	-.35858	-.35150	-.45670	.19278	.32308	3.85817
.800	15.945	1.92168	-.38879	-.38205	-.49202	.17000	.29671	3.86286
.800	17.930	1.93482	-.41861	-.41637	-.52398	.13843	.26871	3.85900
	GRADIENT	.00255	-.00585	-.00257	-.00447	.01214	.01049	-.00242

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.849	-1.913	1.88760	-.17897	-.21581	-.30525	.16140	.29656	3.97156
.849	.022	1.99563	-.18844	-.22020	-.31741	.18816	.32408	3.95942
.850	1.976	2.02953	-.20471	-.22864	-.32897	.21032	.34539	3.96232
.850	4.042	2.01113	-.22810	-.24261	-.34685	.22526	.35936	3.96230
.850	6.043	2.10182	-.25383	-.26411	-.37897	.23288	.37270	3.96494
.850	7.988	2.06958	-.28018	-.30080	-.41331	.23659	.38439	3.96848
.850	10.078	1.89658	-.30951	-.33822	-.43124	.23942	.37660	3.96975
.850	11.928	1.91231	-.33199	-.35547	-.45807	.23265	.36821	3.97115
.849	13.950	1.96210	-.37690	-.37806	-.50316	.21678	.34609	3.96553
.850	15.933	1.98740	-.43008	-.42961	-.54818	.19691	.32454	3.96835
.850	17.980	1.99924	-.45667	-.49729	-.58999	.16360	.29514	3.97000
	GRADIENT	.02071	-.00828	-.00450	-.00689	.01076	.01056	-.00124

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.901	-1.991	2.08210	-.34282	-.13321	-.21224	.18757	.33252	4.05494
.899	-.038	2.12317	-.34538	-.18240	-.38415	.21755	.35727	4.04797
.899	1.974	2.11906	-.34268	-.35447	-.43220	.24019	.37441	4.04728
.900	3.952	2.13377	-.34265	-.43962	-.45041	.25403	.38934	4.04744
.900	5.989	2.13583	-.34420	-.45888	-.46784	.26197	.40124	4.04833
.900	7.876	2.03755	-.35005	-.47278	-.48695	.26587	.41138	4.04586
.900	10.025	1.80871	-.36775	-.48326	-.49528	.26884	.40589	4.05110
.900	11.900	1.84698	-.37788	-.49910	-.50745	.26045	.39742	4.05425
.900	13.924	1.88942	-.38537	-.50829	-.52181	.24802	.37876	4.05772
.899	15.891	1.85803	-.39776	-.52561	-.53458	.23016	.35580	4.05583
.899	17.929	1.88761	-.41095	-.54917	-.55144	.19733	.32938	4.05272
	GRADIENT	.00758	.00016	-.05507	-.03836	.01119	.00945	-.00117

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.950	-1.972	2.04457	-.37832	-.40911	-.42799	.22962	.37390	4.13238
.950	.045	1.99295	-.36802	-.42605	-.43888	.25820	.39451	4.13197
.950	1.988	2.02304	-.35537	-.43326	-.43394	.27926	.41191	4.13798
.950	4.016	2.02635	-.34226	-.43544	-.43034	.29537	.42625	4.13815
.950	6.057	2.06653	-.33212	-.43830	-.43234	.30143	.43691	4.13954
.950	7.981	2.00429	-.32682	-.43970	-.43894	.30274	.44552	4.13943
.951	10.031	2.03208	-.33121	-.43757	-.43017	.30202	.44227	4.14221
.950	11.930	1.99113	-.33242	-.44659	-.44063	.30091	.43023	4.14372
.949	14.018	2.00172	-.33475	-.45250	-.44711	.28269	.41416	4.14185
.950	15.938	1.98679	-.34093	-.46719	-.45631	.26619	.39261	4.13591
.950	17.931	1.96310	-.34972	-.48159	-.47130	.23901	.36529	4.13728
	GRADIENT	-.00127	.00607	-.00433	-.00011	.01097	.00876	.00117

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.980	-2.030	2.01267	-.36212	-.40202	-.41101	.25555	.39993	4.19761
.980	.010	2.05462	-.34555	-.41513	-.41545	.28031	.42224	4.19888
.980	1.987	2.03801	-.33462	-.41734	-.41151	.30294	.43535	4.20035
.980	4.017	2.04319	-.32191	-.41438	-.40548	.31571	.44778	4.19631
.979	6.008	2.11275	-.31039	-.41477	-.40306	.32204	.45739	4.19168
.979	7.948	1.98303	-.30408	-.41607	-.40743	.32777	.46513	4.19006
.981	9.975	1.97438	-.30481	-.40799	-.39545	.32570	.46430	4.19323
.979	11.942	1.91228	-.30349	-.41817	-.40314	.32031	.45301	4.20463
.980	13.938	1.94006	-.30314	-.41471	-.40446	.30696	.43486	4.21166
.979	15.929	1.93426	-.30531	-.42811	-.41478	.28905	.41258	4.21238
.981	17.964	1.96084	-.30855	-.44155	-.42542	.26064	.38936	4.20492
.980	18.933	1.94876	-.31332	-.44655	-.42955	.24568	.37603	4.19938
	GRADIENT	.00375	.00659	-.00196	.00102	.01010	.00779	-.00012

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.051	-1.981	1.92928	-.31935	-.36836	-.37406	.32839	.46445	3.79634
1.049	.002	1.97726	-.29696	-.36543	-.36279	.35037	.48367	3.79296
1.050	2.007	2.01050	-.27577	-.35934	-.34718	.36845	.49712	3.79331
1.049	4.009	2.02564	-.26269	-.35164	-.34066	.38130	.50731	3.79736
1.051	6.077	2.04522	-.24999	-.34442	-.33139	.38834	.51560	3.80222
1.050	7.994	1.99357	-.24290	-.34883	-.33195	.39012	.52263	3.80852
1.050	9.971	1.99066	-.23980	-.34153	-.32020	.38668	.52058	3.80890
1.050	11.999	1.96371	-.23473	-.34682	-.32233	.38128	.51072	3.80745
1.049	13.935	1.98218	-.23183	-.33429	-.31966	.37725	.49333	3.80487
1.049	15.931	1.97994	-.22764	-.34151	-.32251	.35185	.47539	3.80101
1.049	17.964	2.00411	-.22791	-.35083	-.32824	.32370	.45116	3.79871
1.050	18.963	2.01906	-.22751	-.35366	-.32883	.30919	.43967	3.79771
	GRADIENT	.01613	.00957	.00282	.00580	.00885	.00713	.00017

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.100	-2.011	1.95504	-.25182	-.31921	-.31163	.37276	.51026	3.90735
1.100	.036	1.98418	-.22698	-.30962	-.29582	.39449	.52775	3.90735
1.099	1.984	2.01570	-.20851	-.30148	-.28285	.41104	.53889	3.90349
1.099	4.064	1.99558	-.19493	-.29313	-.27504	.42371	.54692	3.89487
1.101	6.016	2.09978	-.18269	-.28749	-.26598	.42435	.55475	3.89098
1.099	7.998	2.01478	-.17865	-.29464	-.26687	.42909	.56106	3.89064
1.101	9.959	1.95867	-.17074	-.28204	-.25005	.42567	.55859	3.89343
1.100	11.929	1.93488	-.17137	-.28764	-.25626	.42215	.54701	3.89817
1.100	13.880	1.90402	-.16801	-.27748	-.25267	.40864	.53090	3.90663
1.101	15.863	1.92891	-.16535	-.28291	-.25671	.39397	.51333	3.91057
1.100	17.929	1.91656	-.16687	-.28817	-.26196	.37360	.48966	3.90672
	GRADIENT	.00754	.00937	.00428	.00608	.00839	.00600	-.00205

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.149	-1.946	2.00096	-.22634	-.26390	-.28523	.38753	.52894	3.90608
1.151	.041	2.04945	-.20836	-.25361	-.27133	.40446	.54153	3.90693
1.149	2.010	2.03887	-.18969	-.24300	-.25520	.41968	.55077	3.90668
1.150	4.046	2.06342	-.17223	-.23466	-.24021	.43007	.55752	3.90633
1.150	6.022	2.08110	-.15459	-.23058	-.22453	.43156	.56403	3.90406
1.149	7.940	2.02883	-.13853	-.23763	-.21274	.43557	.57047	3.90001
1.151	9.996	1.80510	-.13516	-.23063	-.19937	.44008	.56302	3.89672
1.150	11.910	1.37832	-.12498	-.23380	-.19699	.43507	.55697	3.89549
1.150	13.852	1.88880	-.12000	-.22216	-.19089	.42480	.54283	3.89411
1.149	15.884	1.92111	-.11146	-.22144	-.19070	.41475	.52785	3.89510
1.150	17.883	1.90698	-.10789	-.22397	-.18880	.39703	.51015	3.89582
	GRADIENT	.00887	.00907	.00493	.00758	.00716	.00476	.00002

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.200	-2.026	2.04124	-.20256	-.27894	-.26352	.39269	.53124	3.90732
1.200	.095	2.05843	-.18554	-.26033	-.24789	.40885	.54418	3.90706
1.200	1.941	2.07839	-.17085	-.24481	-.23318	.42416	.55322	3.90801
1.201	4.006	2.06536	-.15551	-.22897	-.21706	.43497	.55695	3.90519
1.200	6.036	2.07288	-.14100	-.21644	-.20208	.43539	.56627	3.90357
1.199	7.909	1.93482	-.12983	-.20784	-.19644	.44151	.57260	3.89881
1.201	9.941	1.95029	-.12493	-.19558	-.18473	.44162	.57431	3.89564
1.199	11.883	1.84912	-.11681	-.19837	-.18017	.44212	.56699	3.89384
1.199	13.868	1.88859	-.10895	-.19362	-.17708	.43187	.55352	3.90046
1.199	15.898	1.90334	-.10245	-.19210	-.17369	.42370	.54159	3.90781
1.200	17.950	1.91843	-.09745	-.19241	-.16942	.40835	.52503	3.91222
	GRADIENT	.00460	.00781	.00830	.00772	.00712	.00462	-.00028

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.299	-1.986	2.02750	-.17563	-.27234	-.23311	.39704	.55384	3.56112
1.300	-.006	2.04150	-.15259	-.25468	-.21318	.41155	.56670	3.56222
1.300	2.003	2.03338	-.13235	-.23219	-.19489	.42915	.57587	3.55156
1.300	4.023	2.04025	-.12441	-.20699	-.17659	.44095	.58437	3.54732
1.301	6.014	2.10931	-.11900	-.19219	-.17052	.44146	.58784	3.55004
1.301	7.960	2.00726	-.10583	-.18762	-.16684	.45664	.58812	3.55672
1.300	9.956	1.96155	-.08959	-.16298	-.14047	.46810	.58625	3.55641
1.300	11.944	1.91578	-.09037	-.15185	-.13485	.46684	.57854	3.55915
1.299	13.928	1.93449	-.08746	-.13595	-.12327	.46367	.57132	3.56109
1.300	15.933	1.95157	-.08589	-.13098	-.11973	.45651	.56259	3.55059
1.300	17.979	1.95510	-.08265	-.13596	-.12787	.44532	.55281	3.54354
	GRADIENT	.00150	.00867	.01091	.00937	.00745	.00503	-.00260

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.400	-1.935	1.89879	-.14923	-.22931	-.20990	.38687	.54850	3.51810
1.400	.005	1.96467	-.13092	-.21531	-.19217	.39149	.56229	3.51693
1.400	1.991	1.97669	-.11170	-.19770	-.17709	.41602	.57825	3.50847
1.400	4.002	2.01635	-.09629	-.18149	-.16058	.43006	.58437	3.50687
1.399	6.067	2.08551	-.07433	-.15828	-.12908	.43468	.58792	3.51227
1.400	8.005	2.04772	-.06896	-.15182	-.12956	.44700	.58982	3.51760
1.400	10.062	2.06657	-.06250	-.13920	-.12177	.46373	.59533	3.51472
1.399	11.982	1.97922	-.05440	-.12615	-.10321	.46786	.58060	3.50754
1.400	13.953	1.99731	-.03967	-.11906	-.09988	.46231	.56916	3.51014
1.400	15.999	2.02063	-.05710	-.11150	-.08574	.44821	.55784	3.51373
1.400	17.976	2.03245	-.05932	-.11768	-.08622	.44724	.55506	3.51611
	GRADIENT	.01839	.00899	.00814	.00823	.00779	.00623	-.00213

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.549	-1.816	1.87177	-.11031	-.20370	-.16162	.40857	.54917	3.11389
1.550	.129	1.85364	-.09591	-.19200	-.14477	.42790	.55539	3.10867
1.551	2.137	1.87140	-.08014	-.16966	-.13286	.43529	.56671	3.10547
1.550	4.139	1.88668	-.07197	-.14950	-.11361	.44684	.57616	3.10406
1.550	6.194	1.94955	-.05797	-.12947	-.10597	.45096	.58663	3.10274
1.550	8.094	1.95764	-.04694	-.11248	-.10015	.45701	.59630	3.11373
1.550	10.106	1.95235	-.04622	-.10093	-.08513	.46686	.59554	3.11704
1.550	11.921	2.02005	-.04260	-.09684	-.08544	.47301	.59922	3.10624
1.551	13.891	2.06119	-.04776	-.09317	-.08588	.46623	.59196	3.10516
1.550	15.882	2.07760	-.05182	-.08924	-.08831	.46353	.59292	3.10719
1.550	17.910	2.10242	-.06348	-.09198	-.08408	.44470	.57588	3.11123
	GRADIENT	.00317	.00658	.00931	.00784	.00614	.00465	-.00164

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.260	7.995	.04279	-.15213	-.18475	-.20785	.50314	.51506	3.57128
1.260	11.981	.05197	-.13009	-.16625	-.18761	.50009	.51232	3.56662
1.261	15.954	.03738	-.10321	-.14462	-.18875	.48276	.49733	3.57228
1.260	17.997	.04313	-.09129	-.13845	-.18103	.46988	.48210	3.57822
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.280	7.973	.02796	-.13303	-.16491	-.20474	.50312	.53181	3.56487
1.279	12.004	.03705	-.10375	-.14960	-.18509	.50108	.52601	3.56549
1.280	16.026	.02301	-.07933	-.12199	-.16269	.48560	.51315	3.56724
1.281	17.973	.02022	-.07436	-.10858	-.15390	.47315	.49983	3.56663
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.300	7.980	.02181	-.12286	-.14681	-.18270	.50747	.53199	3.55711
1.299	12.031	.02820	-.09732	-.13860	-.16118	.50541	.53281	3.55985
1.300	15.998	.01741	-.07916	-.13030	-.14797	.48629	.51631	3.56047
1.299	18.005	.01597	-.07859	-.12799	-.14305	.47734	.50534	3.55968
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.321	7.999	.01218	-.11628	-.16790	-.17429	.51061	.53191	3.54600
1.320	11.971	.02323	-.08429	-.14836	-.15417	.51118	.53307	3.54512
1.320	16.033	.01317	-.06145	-.13536	-.13942	.49413	.51768	3.55538
1.320	17.990	.01124	-.08069	-.13343	-.13318	.47970	.50907	3.54739
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.340	7.967	.00302	-.13094	-.15326	-.18256	.51904	.54250	3.54864
1.341	12.003	.01522	-.10505	-.13554	-.16207	.51587	.54259	3.53549
1.340	16.031	.00754	-.08954	-.11659	-.14515	.49654	.53193	3.53280
1.340	17.999	.00102	-.08984	-.11509	-.14509	.48322	.51853	3.54139
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (PVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.360	7.963	-.01273	-.12379	-.14182	-.17485	.52283	.54227	3.53772
1.360	12.007	-.01788	-.10054	-.12522	-.15890	.51937	.54116	3.52957
1.361	16.017	-.00678	-.08423	-.10773	-.14564	.49829	.52951	3.53705
1.361	18.000	-.00465	-.08439	-.11015	-.13827	.48508	.51713	3.54065
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.380	7.969	-.03249	-.10966	-.12765	-.17317	.51058	.54113	3.53313
1.380	11.979	-.01570	-.08381	-.11387	-.15088	.51319	.54150	3.52905
1.380	16.017	-.02373	-.07010	-.09989	-.13634	.49509	.52830	3.52724
1.380	17.982	-.02411	-.07158	-.09672	-.13165	.48674	.51730	3.53492
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.400	7.959	-.04207	-.09821	-.11676	-.15656	.50539	.53965	3.51902
1.400	11.972	-.02891	-.06903	-.10076	-.13914	.50409	.53693	3.51874
1.401	15.967	-.03620	-.06434	-.08610	-.12799	.49211	.52531	3.51216
1.400	18.000	-.03889	-.06630	-.09148	-.12131	.48153	.51815	3.51422
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
1.451	8.074	-.12694	-.08025	-.10231	-.13562	.52538	.53880	3.47868
1.450	11.939	-.05444	-.06149	-.08209	-.11823	.52304	.53845	3.48420
1.450	16.053	-.11582	-.06223	-.08690	-.11391	.51200	.52917	3.47863
1.450	18.065	-.11545	-.06961	-.08392	-.10431	.50461	.52033	3.48127
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (PVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.199	-3.797	.10715	-.20467	-.20895	-.28093	.06345	.09827	2.27798
.200	-1.827	.10769	-.20484	-.20693	-.28079	.11211	.13157	2.28309
.199	.128	.10926	-.21207	-.21199	-.28390	.14938	.16234	2.28063
.200	2.188	.11057	-.21008	-.20569	-.28557	.17183	.18682	2.29155
.200	4.178	.11165	-.22889	-.22016	-.29593	.18434	.19719	2.28856
.201	6.184	.11272	-.21291	-.20213	-.28138	.20874	.21504	2.30169
.200	8.191	.11390	-.23481	-.22608	-.30614	.18898	.19535	2.29124
.200	10.196	.11508	-.24271	-.22537	-.30522	.18857	.20570	2.29468
.201	12.206	.11617	-.25159	-.23649	-.31371	.16419	.17481	2.29976
.201	14.201	.11743	-.26174	-.24667	-.32592	.14707	.15982	2.30198
.201	16.191	.11849	-.28106	-.25951	-.34968	.12232	.13511	2.30157
	GRADIENT	.00060	-.00269	-.00106	-.00175	.01508	.01267	.00149

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.249	-3.792	.10600	-.19426	-.19855	-.26847	.07652	.10922	1.84863
.250	-1.773	.10662	-.19152	-.19145	-.26305	.13155	.14665	1.85287
.250	.184	.10813	-.19022	-.18798	-.25963	.16779	.17854	1.85158
.250	2.014	.04949	-.19816	-.18726	-.26308	.18719	.18709	1.85307
.250	4.008	.05110	-.20137	-.19265	-.26613	.20676	.21744	1.85474
.249	6.214	.11035	-.20480	-.19382	-.26797	.20927	.21568	1.84390
.249	8.120	.11321	-.21618	-.20082	-.27725	.20438	.21140	1.84400
.249	10.135	.11312	-.21967	-.20430	-.28080	.20186	.20393	1.84491
.248	12.159	.11290	-.23627	-.22081	-.29531	.18958	.19606	1.84100
.248	14.153	.11259	-.25357	-.23371	-.31505	.17039	.17250	1.84023
.247	16.205	.11093	-.26786	-.24785	-.32978	.12820	.13919	1.83128
	GRADIENT	-.00853	-.00106	.00083	.00025	.01634	.01328	.00064

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (PVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.398	-3.955	.08474	-.19358	-.20005	-.26994	.09123	.12172	2.30913
.398	-1.919	.08234	-.19564	-.19774	-.27085	.13804	.15758	2.30346
.399	.045	.08365	-.19898	-.19890	-.27175	.18023	.18121	2.30201
.400	2.049	.08145	-.20529	-.20088	-.27672	.19204	.20167	2.30179
.401	4.068	.08041	-.21025	-.19830	-.27387	.21478	.22220	2.30116
.401	6.054	.08020	-.21933	-.20630	-.28406	.21561	.22519	2.29628
.401	10.066	.08022	-.23273	-.21759	-.29292	.21032	.21343	2.29365
.401	14.041	.08049	-.25922	-.24084	-.32266	.17649	.18284	2.28925
.400	18.068	.08137	-.29858	-.27468	-.36344	.09839	.11672	2.28014
	GRADIENT	-.00048	-.00215	.00002	-.00068	.01504	.01225	-.00088

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (PVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.601	-1.984	-.03546	-.20937	-.21342	-.29149	.16006	.17546	3.22316
.602	2.113	-.03681	-.22074	-.21654	-.29687	.21664	.22269	3.24413
.603	6.096	-.03828	-.23559	-.22521	-.30962	.24118	.24361	3.24715
.603	10.092	-.03644	-.25698	-.24203	-.31892	.23111	.23404	3.26219
.602	14.084	-.03439	-.29127	-.26904	-.35608	.19558	.20010	3.25029
.600	18.076	-.02931	-.33135	-.30229	-.39488	.12708	.14096	3.24426
	GRADIENT	-.00033	-.00278	-.00076	-.00131	.01381	.01153	.00512

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (PVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.701	-1.948	-.00591	-.21554	-.22124	-.30389	.18171	.19545	3.58430
.703	2.092	-.00562	-.22886	-.22672	-.31228	.23950	.24370	3.59145
.702	6.062	-.00736	-.24755	-.23800	-.32651	.26128	.26483	3.59101
.701	10.088	-.00223	-.27544	-.25843	-.34015	.25077	.25475	3.58496
.699	14.026	.00045	-.31276	-.28825	-.38098	.21923	.22241	3.58212
.696	18.000	.00102	-.36109	-.32600	-.42599	.15391	.16756	3.57186
	GRADIENT	.00007	-.00330	-.00136	-.00208	.01406	.01170	.00177

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (PVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.800	8.002	.04638	-.28671	-.27756	-.37608	.28938	.29407	3.85539
.800	12.022	.04638	-.33842	-.32196	-.42046	.27191	.27592	3.85896
.800	16.027	.04795	-.38935	-.37771	-.49528	.22833	.23479	3.85922
.799	18.019	.05142	-.42546	-.40584	-.53498	.19302	.20334	3.85625
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (PVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	CP120	CP121	CP122	CP123	CP124	RE
.599	-4.003	-.03027	-.21267	-.21991	-.29779	.08195	.13538	4.98506
.599	-1.912	-.03319	-.21563	-.21781	-.29881	.12778	.17062	4.99508
.599	.098	-.03622	-.21875	-.21724	-.30029	.16710	.19583	4.99466
.599	2.071	-.03665	-.22517	-.21895	-.30269	.19399	.21699	4.99102
.600	4.096	-.04260	-.23343	-.22221	-.30535	.21554	.22976	4.99868
.599	6.060	-.04286	-.24002	-.22808	-.31520	.22527	.23684	4.99256
.600	8.066	-.04220	-.24927	-.23437	-.32080	.22549	.23701	5.00437
.600	10.055	-.04178	-.25936	-.24142	-.32763	.22036	.23091	4.99904
.599	12.082	-.04122	-.27681	-.25611	-.34195	.20792	.21952	4.98995
.598	14.035	-.03831	-.29730	-.27554	-.36156	.19080	.19874	4.98640
.599	16.091	-.03812	-.31452	-.29115	-.38055	.16067	.17263	4.99821
	GRADIENT	-.00139	-.00253	-.00028	-.00094	.01654	.01167	.00116

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (QVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.202	-3.800	-.17033	-.14805	.43461	.42800	-.25067	-.15702	-.15728	-.19719	-.18862	-.17695
.200	-1.769	-.15772	-.13728	.35884	.39989	-.30560	-.10317	-.18767	-.21012	-.18549	-.17433
.200	.186	-.12029	-.10902	.32500	.36803	-.29882	-.04348	-.14772	-.20398	-.16522	-.15638
.200	2.183	-.09971	-.09520	.26317	.34263	-.31058	.03181	-.13174	-.18821	-.15086	-.14349
.201	4.203	-.08159	-.08162	.20679	.31050	-.31135	.09413	-.11339	-.18078	-.14368	-.13485
.200	6.211	-.07986	-.07989	.14708	.26970	-.32491	.15390	-.10051	-.17977	-.14769	-.13955
.200	8.188	-.07050	-.07279	.09704	.24427	-.32630	.23746	-.06615	-.14980	-.13668	-.13081
.200	10.192	-.08082	-.08311	.02812	.21432	-.34181	.27560	-.05827	-.14669	-.14641	-.14128
.200	12.199	-.09096	-.09098	-.03415	.20010	-.33419	.33198	-.02969	-.12283	-.14831	-.14394
.200	14.190	-.09594	-.09824	-.05960	.19736	-.30278	.39291	.03134	-.09371	-.15251	-.14740
.200	16.206	-.11865	-.12324	-.14150	.18006	-.32381	.47197	.03637	-.06853	-.16777	-.16190
.199	18.545	-.14788	-.14792	-.19590	.15586	-.31684	.55103	.08739	-.03374	-.18944	-.18206
	GRADIENT	.01179	.00876	-.02764	-.01464	-.00635	.03193	.00718	.00274	.00623	.00576

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (QVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.250	-3.994	-.16604	-.14668	.43352	.43576	-.25660	-.15750	-.15993	-.19631	-.18300	-.17460
.251	-1.991	-.13180	-.11469	.39770	.41923	-.26039	-.07827	-.14284	-.18974	-.16439	-.15531
.251	-.002	-.11477	-.10191	.32561	.38155	-.29732	-.02674	-.14946	-.18786	-.15460	-.14549
.252	2.006	-.08937	-.08086	.27327	.35441	-.29197	.04286	-.12164	-.17688	-.13747	-.12983
.252	4.003	-.07635	-.07638	.21139	.31591	-.31076	.10908	-.11071	-.17658	-.13437	-.12673
.252	6.015	-.07373	-.07375	.16045	.27761	-.30999	.15834	-.08671	-.16532	-.13877	-.13043
.252	8.011	-.06782	-.07209	.08508	.24869	-.33963	.22317	-.08503	-.14645	-.12706	-.12227
.249	10.215	-.06034	-.06254	.05499	.23787	-.30840	.29662	-.03000	-.12568	-.12468	-.12194
.248	12.197	-.06778	-.07655	-.01748	.22111	-.31937	.35680	-.01098	-.10502	-.13173	-.12752
.248	14.193	-.09287	-.09727	-.06888	.19771	-.30911	.41403	.01849	-.08418	-.14360	-.14087
.248	16.215	-.10816	-.11039	-.11916	.18539	-.30746	.48116	.05393	-.05782	-.15682	-.15263
.248	18.193	-.12667	-.13108	-.16826	.17501	-.29933	.53796	.09636	-.02834	-.16938	-.16594
.248	18.546	-.13156	-.13598	-.17317	.17021	-.29990	.54639	.10028	-.02009	-.17063	-.16720
	GRADIENT	.01110	.00873	-.02844	-.01523	-.00699	.03273	.00599	.00262	.00621	.00606

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.398	-3.921	-.17116	-.14723	.43913	.44903	-.26160	-.14618	-.17262	-.20066	-.19302	-.18344
.399	-1.992	-.14150	-.12399	.38372	.42007	-.28886	-.08659	-.17930	-.20122	-.17748	-.16794
.400	.004	-.11313	-.10153	.33502	.39215	-.29817	-.02355	-.15070	-.19584	-.15982	-.15225
.401	1.955	-.09384	-.08459	.27029	.36431	-.31297	.04877	-.13820	-.18551	-.14693	-.13861
.402	4.038	-.07638	-.07409	.21081	.32785	-.32299	.11237	-.12645	-.18065	-.13713	-.12920
.402	6.021	-.06656	-.06543	.16531	.29344	-.32030	.17110	-.09100	-.16812	-.13899	-.13071
.402	8.027	-.06680	-.06797	.10382	.26068	-.32730	.23183	-.07044	-.15561	-.13036	-.12438
.402	10.060	-.06877	-.07110	.04405	.23758	-.32550	.29975	-.04589	-.13560	-.13149	-.12705
.403	12.046	-.07630	-.08092	-.00852	.22371	-.32451	.36395	-.01203	-.11197	-.13506	-.13217
.403	14.047	-.09418	-.09650	-.06784	.20748	-.31891	.42656	.01701	-.08849	-.14477	-.14113
.404	16.044	-.11127	-.11587	-.12847	.19168	-.31927	.49237	.04876	-.06330	-.15749	-.15273
.404	18.457	-.13392	-.13624	-.18315	.17597	-.30425	.56252	.09712	-.02305	-.17632	-.17196
	GRADIENT	.01193	.00933	-.02870	-.01501	-.00738	.03284	.00673	.00281	.00716	.00693

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (QVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.600	-3.926	-.16767	-.15064	.46750	.48057	-.27487	-.13018	-.18238	-.21486	-.20946	-.20105
.600	-1.919	-.13393	-.12301	.40766	.45021	-.29891	-.06620	-.17742	-.21273	-.18841	-.18110
.600	.047	-.10846	-.10096	.36079	.42176	-.30951	-.00384	-.16008	-.20906	-.17248	-.16538
.600	2.062	-.08731	-.08391	.28967	.39308	-.32398	.06525	-.14507	-.19888	-.15569	-.14949
.600	4.067	-.07026	-.07028	.23373	.35843	-.33311	.13377	-.12735	-.19081	-.14510	-.13889
.601	6.039	-.06158	-.06365	.17947	.31983	-.33526	.19038	-.09993	-.17875	-.14260	-.13619
.602	8.092	-.05752	-.06162	.12226	.28714	-.33804	.26055	-.06926	-.16039	-.13220	-.12805
.599	10.057	-.05945	-.06495	.05301	.26431	-.35016	.31916	-.05479	-.14315	-.13123	-.12888
.600	12.033	-.06980	-.07462	-.00533	.25067	-.34624	.39201	-.02530	-.11855	-.13544	-.13308
.599	14.076	-.08517	-.09139	-.06801	.23482	-.34383	.44883	.00628	-.09485	-.14319	-.14107
.598	16.041	-.10148	-.10980	-.12571	.22320	-.33766	.51335	.04357	-.06630	-.15488	-.15322
.599	18.555	-.13212	-.13833	-.19048	.20192	-.32686	.59293	.09497	-.02516	-.17437	-.17251
	GRADIENT	.01209	.01000	-.02933	-.01510	-.00709	.03302	.00713	.00311	.00808	.00781

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.698	-4.032	-.16380	-.14498	.49341	.51117	-.27939	-.11458	-.18851	-.22229	-.22350	-.21381
.700	-1.862	-.12546	-.11580	.42836	.48058	-.30902	-.04432	-.18641	-.22005	-.19685	-.18900
.702	.106	-.09800	-.09321	.38050	.45103	-.31042	.02235	-.16573	-.21362	-.17756	-.17035
.702	2.124	-.07595	-.07296	.30705	.42416	-.32137	.08870	-.15284	-.20326	-.15872	-.15247
.702	4.128	-.05880	-.06062	.25086	.38864	-.32690	.15947	-.12940	-.19412	-.14453	-.13889
.702	6.108	-.05011	-.05254	.19080	.34788	-.35012	.21921	-.11071	-.17996	-.14064	-.13356
.701	8.109	-.04585	-.05123	.13282	.31520	-.37595	.28075	-.07741	-.16238	-.12912	-.12425
.701	10.053	-.04754	-.05238	.07361	.29793	-.42180	.34312	-.05069	-.14282	-.12609	-.12303
.700	12.059	-.05697	-.06244	.01145	.28650	-.47538	.40884	-.02193	-.11939	-.12782	-.12494
.698	14.072	-.07207	-.07815	-.04545	.27198	-.50135	.47366	.01814	-.09209	-.13362	-.13156
.697	16.054	-.09145	-.09817	-.10732	.25625	-.54433	.53635	.05164	-.06348	-.14378	-.14172
.700	18.597	-.12112	-.12782	-.18173	.24043	-.61938	.61714	.09574	-.02246	-.16104	-.15941
	GRADIENT	.01280	.01043	-.02986	-.01484	-.00532	.03354	.00745	.00359	.00967	.00919

0A232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (QVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.797	-4.033	-.14446	-.12637	.52068	.55430	-.43878	-.08026	-.21022	-.23021	-.23874	-.22638
.800	-1.961	-.10846	-.09648	.46558	.52735	-.54706	-.01246	-.19722	-.22637	-.20834	-.19730
.801	.024	-.07792	-.07248	.41261	.50003	-.62286	.05574	-.18247	-.21928	-.18310	-.17404
.802	1.998	-.05622	-.05296	.34425	.47493	-.68871	.12243	-.16579	-.20759	-.15848	-.15065
.799	4.038	-.03634	-.03855	.27854	.44351	-.72693	.19283	-.14102	-.19629	-.13868	-.13115
.799	5.997	-.02646	-.02702	.22357	.39676	-.75435	.24887	-.11735	-.18144	-.12752	-.11852
.799	8.010	-.02376	-.02762	.15780	.36201	-.75753	.30914	-.08776	-.16299	-.11489	-.10751
.799	10.015	-.02243	-.02627	.10240	.34778	-.74936	.37403	-.05103	-.14182	-.10637	-.10103
.798	11.997	-.03129	-.03569	.04276	.34021	-.75090	.43675	-.01655	-.11910	-.10407	-.09945
.799	14.004	-.04501	-.05106	-.02364	.33142	-.75641	.50369	.01641	-.09167	-.10481	-.10201
.799	15.993	-.06411	-.06961	-.07894	.31906	-.76438	.57064	.06143	-.05702	-.11179	-.10900
.800	17.991	-.08822	-.09263	-.14360	.30692	-.79108	.63025	.09598	-.02359	-.12217	-.11940
	GRADIENT	.01336	.01091	-.03012	-.01363	-.03573	.03388	.00845	.00430	.01244	.01180

0A232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 1 (QVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.599	-3.401	-.14448	-.14933	.44218	.47120	-.29042	-.10667	-.18754	-.21133	-.19512	-.19672
.598	-1.403	-.11958	-.12443	.39931	.44069	-.30190	-.04462	-.16808	-.21116	-.17756	-.17845
.599	.646	-.09536	-.09882	.34039	.41127	-.31524	.02214	-.15133	-.20262	-.16107	-.16149
.599	2.654	-.07735	-.08286	.26788	.38122	-.33124	.08942	-.13871	-.19545	-.14665	-.14637
.599	4.671	-.06271	-.07031	.20904	.34638	-.34681	.15870	-.12503	-.18621	-.13788	-.13782
.600	6.702	-.05670	-.06358	.15654	.30678	-.34188	.21828	-.09050	-.16988	-.13601	-.13320
	GRADIENT	.01019	.00988	-.02959	-.01530	-.00793	.03291	.00764	.00327	.00720	.00742

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (QVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.402	8.090	-.06624	-.06973	.10577	.26286	-.32134	.24089	-.06410	-.15403	-.13067	-.12506
.402	10.029	-.06343	-.06806	.05068	.24095	-.32390	.30089	-.03935	-.13379	-.12929	-.12484
.398	12.103	-.07872	-.08227	.00589	.22106	-.29966	.36801	.00585	-.10815	-.13647	-.13155
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.205	-1.736	-.16055	-.13800	.35271	.38792	-.29251	-.13797	-.17529	-.21840	-.19152	-.17893
.203	.234	-.12919	-.11459	.30359	.36467	-.30570	-.07883	-.15047	-.20495	-.17335	-.16054
.201	2.291	-.11493	-.10218	.24044	.32621	-.31620	-.00791	-.13658	-.20711	-.16207	-.14689
.199	4.149	-.10145	-.09717	.16976	.30331	-.34427	.05605	-.14545	-.20000	-.16055	-.15161
.198	6.163	-.09015	-.09024	.12210	.28195	-.33526	.12434	-.11005	-.18873	-.15803	-.15127
.199	8.167	-.08509	-.08735	.05203	.26108	-.35066	.18924	-.09615	-.17878	-.15260	-.14370
.199	10.177	-.08575	-.08583	.00377	.23968	-.34344	.27248	-.06186	-.14917	-.15129	-.14673
.200	12.191	-.09548	-.10206	-.05656	.19866	-.34200	.32632	-.03069	-.13232	-.15822	-.15154
.200	14.188	-.11287	-.11727	-.11716	.18996	-.34266	.38978	.00091	-.11079	-.16659	-.16424
.200	16.186	-.13154	-.13165	-.17237	.17589	-.32717	.45978	.03183	-.07571	-.18102	-.17435
	GRADIENT	.00973	.00687	-.03101	-.01485	-.00837	.03312	.00530	.00268	.00531	.00489

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.249	-1.876	-.13849	-.12559	.35734	.42211	-.29583	-.12348	-.17551	-.19676	-.03207	-.02927
.252	.057	-.11440	-.10594	.30579	.37166	-.29262	-.05503	-.14442	-.19722	-.03016	-.02739
.250	1.995	-.07863	-.08080	.26911	.36579	-.29967	.02438	-.11753	-.18386	-.01989	-.01709
.250	4.120	-.07394	-.07397	.20418	.33363	-.31321	.08344	-.10869	-.18179	-.01998	-.01860
.249	6.124	-.06389	-.06607	.14598	.30835	-.32131	.16115	-.08139	-.17211	-.02127	-.02132
.250	8.170	-.05837	-.06270	.08791	.28378	-.32295	.22134	-.06500	-.15308	-.01958	-.01677
.250	10.164	-.06877	-.07525	.02382	.25003	-.33576	.28232	-.04737	-.14418	-.02563	-.02353
.250	12.193	-.07685	-.08118	-.03388	.23500	-.32625	.35113	-.01674	-.11990	-.02590	-.02380
.250	14.177	-.08547	-.09196	-.08982	.21823	-.31587	.42716	.01569	-.09198	-.02295	-.02373
.251	15.988	-.10667	-.11098	-.13876	.19670	-.30743	.48300	.04713	-.07467	-.02970	-.02763
	GRADIENT	.01144	.00899	-.02494	-.01360	-.00301	.03508	.01134	.00292	.00232	.00210

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.396	-3.998	-.17066	-.15187	.42934	.44609	-.27128	-.19682	-.17690	-.20274	-.19438	-.18585
.397	-1.853	-.14152	-.12511	.36265	.41477	-.29623	-.12507	-.17253	-.20422	-.17580	-.16967
.398	.077	-.11847	-.10684	.31833	.38659	-.29934	-.05981	-.15752	-.20080	-.16196	-.15588
.398	2.150	-.09484	-.09026	.25522	.36308	-.31148	.01754	-.13374	-.19214	-.15108	-.14620
.399	4.000	-.08365	-.08140	.20086	.33564	-.32371	.07912	-.11432	-.18680	-.14340	-.13268
.399	6.023	-.06688	-.06695	.14426	.31469	-.32588	.15482	-.09507	-.16847	-.13690	-.13089
.399	8.015	-.06475	-.06834	.08363	.28937	-.33118	.22277	-.07310	-.15365	-.13489	-.12537
.399	10.050	-.06741	-.07217	.02380	.26596	-.33172	.28704	-.04531	-.14000	-.13293	-.12924
.400	12.038	-.07639	-.07993	-.03326	.24427	-.32590	.35044	-.01585	-.11144	-.13821	-.13569
.400	14.016	-.09266	-.09742	-.09266	.22113	-.32244	.41719	.01344	-.09156	-.14634	-.14614
.399	16.046	-.11224	-.11352	-.14848	.20467	-.31336	.48193	.05030	-.06085	-.15904	-.15649
	GRADIENT	.01106	.00882	-.02823	-.01363	-.00603	.03473	.00817	.00218	.00635	.00649

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.597	-3.912	-.16849	-.15188	.45029	.47613	-.28455	-.18877	-.18906	-.21096	-.20770	-.20306
.598	-1.986	-.13761	-.12608	.39488	.44827	-.30099	-.11656	-.17769	-.21058	-.18726	-.18345
.599	.064	-.11149	-.10498	.33092	.41850	-.31807	-.04065	-.16662	-.20807	-.16936	-.16688
.599	2.044	-.09067	-.08666	.27517	.39368	-.32947	.03025	-.14892	-.20107	-.15541	-.15173
.600	4.048	-.07367	-.07319	.21602	.36623	-.33620	.10305	-.12917	-.18919	-.14271	-.13971
.600	6.067	-.06290	-.06643	.15446	.33985	-.34130	.17451	-.10520	-.17713	-.13545	-.13478
.600	8.052	-.05852	-.06355	.09597	.31677	-.34488	.24398	-.08229	-.16239	-.13035	-.12951
.599	10.064	-.06033	-.06589	.03478	.29461	-.34568	.31371	-.05545	-.14091	-.12957	-.13074
.599	12.054	-.06989	-.07646	-.02160	.27145	-.34316	.37816	-.02268	-.11977	-.13376	-.13493
.599	14.089	-.08331	-.09037	-.08435	.24897	-.33909	.44602	.01012	-.09240	-.14071	-.14255
.598	16.036	-.10443	-.11152	-.14182	.22972	-.33199	.50986	.04445	-.06611	-.15229	-.15449
	GRADIENT	.01185	.00986	-.02949	-.01375	-.00660	.03661	.00745	.00266	.00811	.00794

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.699	-1.948	-.12693	-.11909	.41347	.47993	-.31518	-.06685	-.18286	-.21948	-.04764	-.04744
.700	.086	-.09770	-.09524	.35110	.45596	-.32743	.00246	-.16883	-.21409	-.04062	-.04069
.701	2.068	-.07626	-.07546	.29182	.42934	-.33040	.06361	-.15084	-.20547	-.03493	-.03471
.701	4.043	-.06097	-.06305	.23192	.40445	-.33441	.12178	-.13178	-.19632	-.03038	-.03016
.702	6.053	-.05037	-.05491	.17156	.38045	-.35074	.19337	-.10773	-.18111	-.02702	-.02721
.702	8.087	-.04627	-.05286	.11116	.35665	-.38982	.26616	-.08098	-.16427	-.02442	-.02502
.701	10.054	-.04764	-.05466	.05409	.33472	-.44466	.33345	-.05231	-.14407	-.02369	-.02456
.700	12.048	-.05589	-.06457	-.00606	.31255	-.50699	.40113	-.02096	-.12103	-.02411	-.02526
.699	14.091	-.07220	-.08008	-.06976	.29063	-.55634	.47450	.01411	-.09414	-.02614	-.02743
.698	16.021	-.09062	-.09852	-.12918	.27179	-.59616	.53314	.04853	-.06581	-.02927	-.03071
	GRADIENT	.01100	.00942	-.03026	-.01268	-.00305	.03143	.00858	.00391	.00288	.00290

OA232 AEDC 16T TF431 LFN.1S RA .2F/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.800	-1.928	-.10633	-.09669	.44070	.53129	-.55090	-.05946	-.20225	-.22254	-.20751	-.20239
.800	.088	-.07931	-.07313	.38122	.50492	-.61714	.01355	-.18364	-.21719	-.18162	-.17757
.800	1.962	-.05735	-.05324	.32502	.48303	-.68208	.08207	-.16471	-.20765	-.15750	-.15522
.799	3.918	-.04060	-.03961	.26577	.45910	-.73088	.15295	-.13950	-.19599	-.13894	-.13563
.800	5.929	-.02663	-.03049	.20266	.43559	-.76419	.22427	-.11565	-.18319	-.12310	-.12259
.800	7.964	-.02010	-.02674	.14106	.41423	-.77772	.29855	-.08557	-.16331	-.11113	-.11029
.800	9.998	-.01941	-.02710	.07749	.39337	-.78361	.36769	-.05392	-.14246	-.10384	-.10543
.800	11.984	-.02917	-.03651	.01462	.37163	-.79336	.43216	-.02020	-.11889	-.10112	-.10480
.800	13.984	-.04241	-.05011	-.04901	.35300	-.80346	.50051	.01807	-.08940	-.10327	-.10556
.800	16.014	-.06262	-.06965	-.11409	.33473	-.80113	.56759	.05604	-.05779	-.10960	-.11293
	GRADIENT	.01130	.00985	-.02993	-.01229	-.03116	.03636	.01067	.00459	.01184	.01147

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.850	-1.986	-.08780	-.07491	.46356	.56467	-.71514	-.03659	-.22213	-.21345	-.20429	-.19691
.850	-.060	-.06051	-.05149	.40719	.53965	-.75808	.03252	-.19893	-.20746	-.17496	-.16859
.850	1.941	-.03618	-.03137	.34620	.51655	-.79618	.10677	-.17389	-.20060	-.14478	-.14071
.850	3.959	-.01896	-.01705	.28310	.49214	-.81906	.17797	-.14582	-.19003	-.12260	-.11758
.850	5.921	-.00538	-.00735	.22263	.47059	-.81613	.24607	-.11798	-.17941	-.10322	-.10081
.850	7.977	.00111	-.00474	.16040	.44810	-.78802	.31954	-.08357	-.15959	-.08925	-.08654
.850	9.994	.00305	-.00410	.09694	.42802	-.77735	.38952	-.04887	-.13756	-.07824	-.07845
.850	12.000	-.00539	-.01255	.03479	.40890	-.77442	.45628	-.00998	-.11078	-.07443	-.07529
.850	13.998	-.01931	-.02679	-.03129	.38924	-.76006	.52376	.02863	-.07992	-.07374	-.07589
.850	16.000	-.03975	-.04629	-.09581	.37295	-.74825	.58732	.06888	-.04562	-.08028	-.08178
.850	18.007	-.06429	-.06987	-.15916	.35839	-.72942	.65323	.11133	-.00797	-.08860	-.09203
	GRADIENT	.01163	.00975	-.03038	-.01213	-.01762	.03620	.01281	.00389	.01387	.01340

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.902	-3.966	-.08242	-.06467	.55091	.62483	-.97237	-.04903	-.24426	-.21015	-.20855	-.19855
.903	-2.086	-.05075	-.03903	.49753	.60298	-1.01854	.00550	-.22026	-.26715	-.17123	-.16130
.902	-.097	-.02371	-.01589	.43825	.57932	-1.06507	.07386	-.19510	-.25893	-.13770	-.13074
.898	1.907	-.00241	.00000	.37679	.55153	-1.10940	.13772	-.16612	-.22486	-.11054	-.10564
.900	3.946	.01514	.01574	.31093	.52956	-1.13352	.20954	-.13480	-.20006	-.08388	-.07977
.900	5.975	.02931	.02600	.24886	.50773	-1.13047	.27935	-.10054	-.17395	-.06192	-.06030
.899	7.994	.03356	.02752	.18792	.48494	-1.06586	.34985	-.06352	-.14586	-.04988	-.04754
.896	10.011	.03212	.02363	.12248	.46249	-.97940	.41513	-.02981	-.11828	-.04064	-.04111
.901	12.003	.02780	.01905	.06280	.44814	-.95597	.48491	.01119	-.08231	-.03053	-.03250
.898	14.024	.01211	.00333	-.00060	.42848	-.96174	.54916	.05420	-.04840	-.03207	-.03505
.895	15.974	-.01128	-.01949	-.06688	.40916	-.98414	.60961	.09299	-.01524	-.03954	-.04325
.896	18.011	-.03579	-.04217	-.13193	.39607	-.99912	.67897	.13810	.02756	-.04782	-.05254
	GRADIENT	.01226	.01007	-.03033	-.01221	-.02082	.03278	.01379	.00328	.01563	.01478

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.949	-1.976	-.00267	.00712	.52948	.64542	-.93988	.04695	-.15610	-.28406	-.12644	-.11561
.950	-.019	.02297	.02904	.46791	.62228	-.98354	.11351	-.14411	-.25242	-.08981	-.08189
.950	1.978	.04463	.04782	.41179	.59895	-1.01747	.17854	-.11278	-.22028	-.05923	-.05308
.951	3.955	.06110	.06055	.34278	.57790	-1.05416	.24785	-.09393	-.18833	-.03338	-.02841
.950	6.019	.07273	.06901	.28361	.55489	-1.07348	.31993	-.05641	-.15271	-.01116	-.00824
.949	7.955	.07671	.07068	.22484	.53520	-1.07876	.38444	-.02270	-.11309	.00018	.00424
.949	9.976	.07614	.06924	.16018	.51217	-1.03128	.45212	.01374	-.07410	.01318	.01405
.950	12.045	.06686	.05909	.09342	.49599	-.93079	.51742	.05276	-.03737	.01721	.01693
.950	13.979	.05100	.04321	.02876	.47750	-.89470	.58042	.09096	-.00100	.01720	.01606
.949	16.000	.02934	.02009	-.04265	.46093	-.89078	.64641	.13302	.03947	.01315	.00912
.949	17.985	.00273	-.00337	-.11389	.44652	-.89587	.71410	.17427	.07626	.00186	-.00072
	GRADIENT	.01076	.00905	-.03114	-.01141	-.01903	.03374	.01101	.01613	.01565	.01467

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.978	-1.925	.02688	.03503	.54956	.67055	-.87737	.07491	-.14011	-.25623	-.09890	-.07914
.981	-.047	.05070	.05690	.49160	.64849	-.91402	.13832	-.09430	-.23178	-.06271	-.05280
.980	1.955	.07064	.07461	.43079	.62586	-.95263	.20604	-.08166	-.19952	-.02986	-.02251
.981	3.974	.08622	.08683	.36855	.60297	-.98272	.27178	-.05619	-.16569	-.00201	.00445
.979	6.033	.09709	.09293	.30547	.58038	-1.01152	.34160	-.02853	-.13161	.01873	.02210
.980	8.012	.10090	.09535	.24283	.56087	-1.02091	.40798	.00270	-.09495	.03078	.03582
.979	9.979	.09957	.09204	.18041	.54106	-1.00456	.47287	.03896	-.05149	.04259	.04285
.980	12.042	.08944	.08219	.11274	.52274	-.92614	.53853	.07633	-.00937	.04763	.04704
.979	13.949	.07294	.06483	.04625	.50384	-.86213	.59946	.11382	.02687	.04766	.04567
.975	16.022	.04611	.03766	-.02696	.48278	-.84553	.66124	.15409	.06250	.03822	.03425
.980	18.030	.02072	.01484	-.10786	.47260	-.84083	.72743	.19456	.10517	.02910	.02575
	GRADIENT	.01003	.00877	-.03065	-.01144	-.01799	.03342	.01337	.01544	.01640	.01427

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.051	-1.965	.09912	.10865	.60485	.73168	-.74690	.15033	-.09436	-.19066	-.01527	-.00903
1.048	.092	.11952	.12494	.54604	.70611	-.78697	.21388	-.05785	-.16513	.00896	.02319
1.050	1.953	.13568	.13992	.48861	.68490	-.81868	.27557	-.03139	-.13473	.03798	.05186
1.049	3.969	.14802	.14871	.42526	.66187	-.84898	.33885	.01665	-.10321	.06025	.06791
1.051	6.022	.15773	.15428	.36240	.64069	-.87283	.40668	.04182	-.06563	.08705	.09289
1.050	8.021	.15694	.15202	.29960	.61950	-.89292	.47269	.07268	-.03487	.09836	.10478
1.050	9.992	.15393	.14693	.23677	.60065	-.89974	.53233	.09961	.00451	.10957	.11214
1.049	12.003	.13903	.13230	.16925	.58046	-.87381	.59297	.13298	.04719	.11208	.11228
1.049	14.001	.11856	.11122	.09901	.56226	-.79838	.65480	.16855	.09164	.10999	.10811
1.049	16.023	.08986	.08250	.01932	.54387	-.74545	.71474	.20603	.13142	.10203	.09898
1.047	18.007	.05614	.05231	-.06347	.52949	-.72901	.77367	.24556	.16872	.08792	.08310
	GRADIENT	.00828	.00687	-.03031	-.01173	-.01719	.03189	.01830	.01488	.01298	.01319

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.102	-4.231	.13342	.14816	.70995	.80347	-.59940	.13180	-.06038	-.18282	.02026	.03376
1.097	-3.821	.13814	.15152	.69900	.79626	-.61209	.14556	-.05609	-.18125	.02936	.03331
1.100	-1.932	.15993	.17077	.64434	.77643	-.64701	.20292	-.02323	-.14711	.05697	.06228
1.101	.131	.17947	.18891	.58226	.75251	-.68434	.26598	.01236	-.10964	.07900	.09360
1.099	2.006	.19337	.19915	.52739	.73008	-.71489	.32461	.04430	-.08010	.10432	.12084
1.098	4.060	.20575	.20816	.46328	.70840	-.74730	.38688	.08485	-.04730	.12803	.13667
1.098	6.010	.21151	.21137	.40357	.68813	-.77178	.44850	.10954	-.01253	.14988	.15736
1.099	8.012	.21180	.20884	.34069	.66813	-.79118	.50989	.13922	.02454	.15881	.16767
1.098	9.988	.20550	.20112	.27590	.64743	-.80314	.56885	.16189	.06076	.17019	.17285
1.098	12.021	.18957	.18602	.21161	.62752	-.78451	.62985	.19407	.10202	.17152	.17417
1.098	14.008	.16557	.16342	.14131	.60722	-.72857	.68940	.22624	.14505	.16701	.16939
1.097	15.982	.13422	.13063	.06017	.58927	-.67736	.74714	.25868	.18491	.15715	.15672
1.098	18.027	.09772	.09665	.00110	.57460	-.64965	.80873	.29705	.22498	.14154	.13972
	GRADIENT	.00888	.00748	-.02972	-.01141	-.01767	.03073	.01749	.01676	.01279	.01329

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-4.230	.14701	.16679	.71860	.83028	-.54759	.15484	-.03557	-.11116	.05452	.06113
1.150	-2.009	.17261	.19100	.65124	.80431	-.58636	.22224	-.01392	-.08392	.08354	.09646
1.150	.011	.19326	.20476	.58738	.78020	-.61885	.28093	.00879	-.05881	.10660	.11563
1.151	2.027	.20390	.21429	.52407	.75685	-.64875	.33663	.03540	-.03106	.12589	.14181
1.151	4.114	.21171	.21850	.45806	.73436	-.67664	.40236	.06091	.00077	.14586	.16259
1.149	5.708	.21221	.21513	.39538	.71296	-.70064	.46213	.09400	.03183	.15959	.17744
1.149	8.003	.20852	.20784	.33565	.69240	-.72022	.52011	.12726	.06203	.16757	.18373
1.150	10.080	.19508	.19300	.26787	.67167	-.73409	.58175	.17872	.09715	.17380	.18884
1.149	12.084	.16546	.16641	.20150	.65203	-.73206	.64211	.20956	.13253	.17936	.19220
1.151	14.054	.11220	.12837	.12607	.63455	-.69385	.70008	.23092	.17190	.18571	.19079
1.150	16.024	.07495	.09464	.06803	.61627	-.62109	.76136	.25345	.21391	.16986	.16886
1.151	18.060	.04703	.06479	.01656	.59517	-.58015	.82277	.27733	.25379	.04870	.05807
	GRADIENT	.00777	.00614	-.03128	-.01155	-.01548	.02942	.01168	.01335	.01087	.01200

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.200	-4.090	.15448	.18427	.70336	.85185	-.49915	.18377	-.02605	-.07362	.05965	.08177
1.197	-1.857	.17624	.19824	.64009	.82253	-.53306	.23761	.00159	-.04937	.10517	.11917
1.201	.004	.18633	.20881	.57486	.80092	-.56062	.28732	.01052	-.02436	.13902	.14166
1.198	2.104	.19917	.21980	.51094	.77566	-.58989	.34618	.03607	.00298	.15121	.16245
1.203	4.006	.20244	.22005	.44045	.75401	-.61310	.40291	.05166	.03566	.16116	.17292
1.202	6.042	.20087	.21795	.38051	.73062	-.63615	.46575	.08392	.06922	.17057	.18279
1.201	8.046	.17706	.19764	.32231	.70857	-.65573	.52705	.09908	.10302	.17586	.18583
1.199	10.042	.14993	.16728	.26095	.68660	-.67428	.58609	.11058	.13265	.17687	.18316
1.203	12.036	.12854	.14720	.18071	.66252	-.68216	.64624	.13712	.16694	.11887	.13867
1.201	14.011	.10627	.12332	.12739	.63661	-.67143	.70661	.17956	.19908	.07581	.08876
1.200	16.020	.07796	.10045	.08095	.60729	-.62215	.76675	.22604	.23343	.06328	.07839
1.200	18.002	.05358	.07470	.02327	.57919	-.56535	.82822	.27731	.26882	.04579	.06178
	GRADIENT	.00593	.00464	-.03246	-.01204	-.01414	.02711	.00945	.01342	.01241	.01124

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.299	-1.931	.16085	.17775	.63598	.85497	-.44069	.25613	-.04311	-.01180	.12444	.13010
1.299	-.060	.16197	.17105	.57738	.83010	-.46481	.30783	-.03063	.01396	.13656	.13989
1.299	1.936	.14957	.15924	.51388	.80173	-.48752	.36539	-.02323	.04495	.14148	.14018
1.300	4.028	.16237	.16161	.44507	.77036	-.51132	.42446	-.00695	.06343	.13375	.11425
1.299	5.939	.16551	.16216	.38462	.74174	-.52737	.48100	.00904	.08033	.08730	.07482
1.300	7.974	.16721	.15402	.30488	.70429	-.54022	.54029	.03217	.10827	.07034	.07086
1.299	9.940	.14961	.14421	.24304	.67028	-.55291	.59916	.07420	.11929	.08136	.07059
1.300	12.007	.13921	.13295	.20068	.62635	-.57716	.65962	.11830	.12888	.07342	.06817
1.300	13.936	.11614	.11940	.14645	.58234	-.58630	.72134	.15938	.15230	.06910	.06500
1.299	15.981	.09167	.10416	.09196	.53830	-.57698	.78409	.20146	.19029	.06308	.06274
1.301	17.985	.07780	.08971	.04687	.49770	-.54544	.84596	.25217	.23082	.05989	.06186
	GRADIENT	-.00037	-.00300	-.03202	-.01421	-.01180	.02831	.00584	.01289	.00160	-.00248

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.400	-3.954	.14186	.17553	.68415	.91805	-.33796	.21251	-.05527	.00391	.09054	.11567
1.400	-1.985	.15197	.17667	.62686	.88468	-.36066	.26583	-.04299	.01454	.09542	.11988
1.399	-.031	.15215	.17866	.56672	.84949	-.38775	.31258	-.03371	.03433	.07361	.10448
1.400	1.958	.15384	.17513	.49482	.80869	-.40487	.36228	-.01527	.04544	.05488	.08484
1.399	3.976	.15247	.17433	.42144	.76256	-.42788	.42338	.00594	.05892	.06463	.08888
1.400	5.945	.15103	.17376	.35221	.71424	-.44310	.49127	.03058	.06865	.06777	.09430
1.401	8.006	.14561	.17264	.31135	.65741	-.45985	.55352	.04948	.08067	.06920	.09745
1.399	9.955	.14370	.17161	.25626	.61279	-.47753	.61113	.07076	.10910	.06467	.09466
1.401	11.966	.13573	.15275	.20623	.56326	-.49192	.66683	.12329	.13781	.06037	.08638
1.401	14.006	.12800	.13956	.15810	.51912	-.50109	.72935	.15143	.17824	.05465	.08553
1.400	15.969	.10185	.12082	.11387	.47565	-.50914	.79050	.20864	.22965	.05405	.09119
1.399	18.004	.08489	.10182	.06659	.44045	-.50756	.85556	.24735	.25313	.06803	.08711
	GRADIENT	.00116	-.00020	-.03321	-.01963	-.01131	.02617	.00759	.00711	-.00465	-.00447

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.548	-3.916	.11875	.14158	.66312	.91394	-.24962	.22526	-.08700	.00123	.03468	.06298
1.549	-1.929	.13430	.15715	.59616	.86449	-.27190	.27891	-.06863	.00566	.02772	.06479
1.550	.009	.13178	.16794	.53124	.80942	-.29222	.32903	-.05277	.00090	.02508	.07345
1.551	2.017	.13844	.16288	.45869	.73594	-.31192	.37694	-.04136	.00913	.05145	.08095
1.552	4.012	.15485	.16470	.41663	.66838	-.32981	.43220	-.01658	.02529	.05649	.09326
1.551	6.030	.13775	.16185	.36498	.60720	-.34532	.49020	.00849	.04558	.05670	.09189
1.550	8.072	.12827	.17171	.31657	.55122	-.36219	.54831	.04055	.07601	.07074	.10543
1.549	10.056	.12639	.17617	.28175	.50120	-.37680	.61242	.07675	.09378	.07223	.10059
1.548	12.088	.12232	.16641	.22604	.44874	-.38899	.67544	.12600	.13377	.06910	.10369
1.547	14.077	.11351	.14966	.18235	.40100	-.39802	.73249	.14542	.14619	.07281	.10182
1.548	16.089	.09914	.13751	.13657	.34995	-.40814	.79973	.18912	.18665	.06369	.09911
	GRADIENT	.00386	.00262	-.03183	-.03130	-.01012	.02585	.00849	.00261	.00341	.00388

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (QVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.899	-3.948	-.08241	-.06571	.54815	.62138	-.99579	-.07440	-.24761	-.19890	-.21564	-.20123
.901	-2.075	-.04998	-.03826	.49701	.60147	-1.04117	-.00432	-.21951	-.23707	-.17213	-.16121
.902	-.043	-.02210	-.01411	.43614	.57608	-1.08609	.07213	-.19304	-.25063	-.13724	-.12858
.899	1.912	-.00189	.00244	.37443	.55219	-1.12680	.13862	-.16434	-.22102	-.10959	-.10271
.901	4.013	.01729	.01791	.30892	.53022	-1.14945	.21379	-.13122	-.19649	-.08222	-.07574
.901	5.955	.03088	.03026	.24838	.50863	-1.14708	.28178	-.09843	-.16994	-.06043	-.05722
.900	7.975	.03831	.03398	.18737	.48931	-1.05237	.35193	-.06262	-.14167	-.04775	-.04267
.899	9.994	.03772	.03277	.12508	.46840	-.94391	.41940	-.02367	-.11220	-.03611	-.03410
.898	12.001	.02659	.02163	.06323	.45082	-.94118	.48306	.01541	-.08145	-.03313	-.03215
.896	13.988	.01168	.00671	-.00076	.42920	-.97464	.54862	.05465	-.04555	-.03364	-.03390
.896	16.034	-.01001	-.01374	-.06776	.41160	-.99430	.61520	.09624	-.00940	-.03889	-.03916
	GRADIENT	.01241	.01042	-.03020	-.01163	-.01970	.03613	.01447	.00115	.01651	.01552

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.198	-3.971	.15828	.18530	.70564	.84609	-.49574	.17052	-.02276	-.06875	.06209	.08471
1.201	-1.989	.18008	.19978	.63567	.82295	-.53303	.23171	-.01234	-.04578	.10309	.11946
1.199	.078	.19312	.21226	.57956	.80105	-.55763	.29193	.01485	-.01806	.13796	.14179
1.202	2.000	.19743	.22076	.50986	.77741	-.58431	.34683	.02702	.00689	.15596	.16457
1.199	4.043	.20599	.22355	.44559	.75433	-.61326	.40579	.04835	.03450	.16526	.17549
1.201	6.037	.20264	.22125	.38048	.73302	-.63558	.46756	.07435	.06631	.17731	.18260
1.201	7.984	.18039	.20537	.32218	.71092	-.65278	.52768	.10200	.10400	.17488	.18670
1.199	10.068	.15364	.17169	.26285	.68850	-.67058	.58879	.11780	.13514	.17815	.18572
1.203	12.004	.13449	.15093	.19121	.66333	-.68471	.65001	.13841	.17108	.12975	.14663
1.203	13.983	.10906	.13079	.13928	.63834	-.67827	.70237	.17605	.20125	.07950	.09174
1.195	16.063	.08121	.10934	.09344	.60983	-.64015	.76790	.23860	.23617	.06736	.07925
	GRADIENT	.00564	.00487	-.03226	-.01144	-.01430	.02926	.00908	.01295	.01296	.01132

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (QVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.548	-3.832	.12209	.15014	.65869	.91463	-.25796	.23133	-.09345	.00458	.03733	.06897
1.551	-1.943	.13638	.16100	.59640	.86421	-.27574	.28551	-.07525	.01294	.03063	.06719
1.549	.059	.13555	.17301	.53805	.80817	-.29336	.34006	-.04824	.00801	.03589	.07464
1.550	2.067	.14265	.16537	.46932	.73591	-.30963	.38696	-.03401	.01589	.05727	.08311
1.550	4.112	.15863	.16851	.41964	.66942	-.32865	.43938	-.00432	.03460	.05767	.09462
1.550	6.042	.13738	.16889	.36965	.61087	-.34365	.49812	.01442	.05279	.06485	.09587
1.549	8.081	.12970	.17506	.32047	.55370	-.36100	.55610	.04798	.08095	.08051	.10619
1.547	10.091	.12981	.17917	.28229	.50687	-.37519	.61931	.08457	.10469	.07352	.10628
1.548	12.081	.12720	.17058	.22676	.45300	-.38502	.68010	.12987	.13709	.07246	.10616
1.545	14.063	.12014	.15902	.18707	.40851	-.39470	.73954	.15924	.15657	.07302	.10388
1.552	16.095	.10188	.13188	.13976	.34530	-.40620	.80392	.19458	.18629	.06709	.10136
	GRADIENT	.00399	.00205	-.03040	-.03112	-.00881	.02600	.01104	.00318	.00340	.00340

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.201	-1.814	-.20147	-.09712	.33140	.38911	-.30808	-.15041	-.18901	-.22506	-.21858	-.15655
.203	.154	-.17101	-.07094	.29633	.35698	-.29414	-.07718	-.14416	-.20661	-.19192	-.13331
.203	2.179	-.15065	-.05271	.22261	.33744	-.33003	.00156	-.14884	-.19457	-.18198	-.12133
.202	4.153	-.13731	-.04900	.16986	.31095	-.33932	.06679	-.12913	-.19423	-.17732	-.11825
.203	6.085	-.12526	-.05005	.11308	.28045	-.34274	.13196	-.10665	-.18183	-.18385	-.11887
.201	7.845	-.11326	-.04474	.05603	.25543	-.34903	.19328	-.08557	-.16051	-.16902	-.10457
.201	9.843	-.11121	-.05593	-.00478	.23157	-.34112	.25715	-.05812	-.15387	-.17510	-.11959
.201	11.747	-.11500	-.06597	-.05522	.21597	-.33919	.32920	-.03611	-.12576	-.17909	-.12127
.202	13.750	-.12657	-.08655	-.10968	.19225	-.33137	.39081	-.00207	-.10553	-.18995	-.13487
.201	15.741	-.15116	-.11490	-.17469	.17189	-.33943	.45013	.02424	-.08491	-.20682	-.14887
.200	17.724	-.17261	-.13609	-.22002	.15504	-.31704	.51517	.06453	-.04980	-.22439	-.16598
	GRADIENT	.01068	.00816	-.02804	-.01274	-.00653	.03666	.00876	.00524	.00671	.00637

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.250	-1.985	-.17263	-.07621	.36758	.40840	-.27336	-.11483	-.14295	-.18771	-.03322	-.01544
.250	.185	-.15043	-.05999	.30197	.37745	-.29258	-.06001	-.14428	-.19789	-.03546	-.01687
.250	2.161	-.12672	-.04483	.25270	.35411	-.31208	.00690	-.11837	-.18714	-.02964	-.01175
.250	4.125	-.11247	-.03282	.19549	.33987	-.31487	.13304	-.10626	-.17929	-.02841	-.00766
.250	6.096	-.10201	-.02683	.13649	.28699	-.32760	.14940	-.09149	-.17083	-.03175	-.01105
.251	7.930	-.09514	-.02674	.08018	.26843	-.32817	.21493	-.06967	-.15506	-.02736	-.00463
.253	10.021	-.08624	-.02523	.02529	.26110	-.31351	.29476	-.03166	-.12417	-.02232	.00076
.250	11.940	-.10073	-.04929	-.03429	.23171	-.32157	.35396	-.01505	-.11150	-.03132	-.01066
.251	13.902	-.11152	-.06671	-.08594	.21091	-.31645	.40950	.01439	-.09021	-.03102	-.01260
.250	15.709	-.13126	-.09040	-.13993	.20886	-.30773	.48013	.04523	-.06458	-.03719	-.01503
	GRADIENT	.01006	.00716	-.02786	-.01131	-.00712	.03973	.00664	.00172	.00098	.00138

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.401	-1.955	-.18745	-.07512	.36769	.41421	-.28136	-.12612	-.15646	-.20265	-.19793	-.14326
.401	.036	-.15921	-.06182	.29909	.38627	-.30892	-.04322	-.15486	-.19995	-.18478	-.13122
.401	2.050	-.13766	-.04739	.25031	.36280	-.31258	.00941	-.13328	-.19337	-.17361	-.11552
.401	4.012	-.12144	-.03592	.19658	.33779	-.32154	.08212	-.11589	-.18169	-.16543	-.10513
.402	6.031	-.10655	-.03024	.13180	.31011	-.33685	.15964	-.09866	-.16915	-.16445	-.10296
.402	7.898	-.10070	-.02927	.07685	.28334	-.33364	.21415	-.07666	-.15730	-.15839	-.09598
.403	9.941	-.09644	-.03450	.02065	.26065	-.32949	.29398	-.04030	-.13556	-.16076	-.09517
.403	11.847	-.09918	-.05212	-.03252	.24228	-.32335	.34810	-.01535	-.11650	-.16244	-.10366
.402	13.841	-.11649	-.06940	-.09118	.21837	-.32132	.41178	.01348	-.09240	-.17406	-.11636
.402	15.870	-.13139	-.08991	-.15218	.20362	-.32315	.47637	.03840	-.06330	-.18688	-.12778
	GRADIENT	.01103	.00663	-.02822	-.01269	-.00624	.03400	.00719	.00348	.00546	.00653

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OF POOR QUALITY

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.700	-1.942	-.17477	-.07106	.40021	.47762	-.31982	-.10085	-.18589	-.22155	-.05550	-.03795
.700	.041	-.14526	-.04826	.34280	.45316	-.32896	-.02804	-.17038	-.21965	-.04938	-.03116
.700	2.017	-.12057	-.03136	.28677	.42940	-.33286	.04424	-.15269	-.20738	-.04392	-.02514
.701	3.980	-.10439	-.02185	.22919	.40518	-.33636	.11442	-.13315	-.19692	-.03963	-.02031
.701	6.002	-.09189	-.01396	.17042	.38047	-.34591	.18488	-.10863	-.18310	-.03820	-.01683
.701	7.987	-.08591	-.01018	.10717	.35389	-.39051	.25419	-.08404	-.16624	-.03533	-.01358
.701	9.983	-.08394	-.01556	.04130	.32901	-.45017	.32609	-.05814	-.14538	-.03483	-.01211
.701	11.940	-.08770	-.03247	-.01228	.30900	-.50072	.39351	-.02555	-.12237	-.03458	-.01349
.700	13.869	-.09861	-.04949	-.06974	.29005	-.54698	.45855	.00664	-.09782	-.03686	-.01547
.698	15.856	-.11632	-.07163	-.12879	.27093	-.58292	.52481	.04394	-.06832	-.04019	-.01887
.697	17.909	-.14071	-.09882	-.18768	.25162	-.60887	.58917	.08267	-.03656	-.04530	-.02379
	GRADIENT	.01195	.00834	-.02883	-.01221	-.00271	.03638	.00891	.00436	.00269	.00299

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.800	-3.993	-.19338	-.06686	.48759	.55356	-.46436	-.13922	-.21497	-.22934	-.26613	-.19736
.800	-1.945	-.15511	-.04632	.42497	.52709	-.56242	-.06439	-.20381	-.22550	-.23690	-.17233
.800	-.103	-.12906	-.02649	.37426	.50387	-.62272	.00380	-.18435	-.21825	-.21121	-.14735
.800	2.034	-.10144	-.00904	.31171	.47835	-.68320	.07928	-.16428	-.20860	-.18732	-.12459
.800	3.997	-.08357	.00351	.25581	.45484	-.72911	.14969	-.14005	-.19509	-.16829	-.10324
.799	5.983	-.07046	.01080	.19663	.43507	-.75962	.22105	-.11339	-.18172	-.15733	-.08911
.800	7.938	-.06064	.01463	.13050	.40819	-.77811	.28640	-.08753	-.16551	-.14255	-.07581
.800	10.015	-.05654	.01045	.06427	.38763	-.77973	.35988	-.05423	-.14411	-.13676	-.06756
.800	11.935	-.05830	-.00589	.00768	.37036	-.77892	.42529	-.02295	-.12088	-.13056	-.06932
.800	13.922	-.07040	-.02220	-.05409	.35143	-.78269	.49281	.01426	-.09199	-.13291	-.07171
.800	15.918	-.08826	-.04452	-.11502	.33380	-.79353	.55848	.05324	-.06050	-.14078	-.07878
.800	17.964	-.11042	-.06986	-.17746	.31831	-.80101	.62312	.09461	-.02466	-.15319	-.09018
	GRADIENT	.01369	.00891	-.02890	-.01233	-.03256	.03614	.00949	.00428	.01228	.01181

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.850	-1.921	-.13251	-.02491	.44719	.55896	-.73370	-.03950	-.22238	-.21629	-.23016	-.16282
.850	.083	-.10290	-.00338	.39059	.53430	-.77357	.03672	-.19632	-.21000	-.19861	-.13411
.849	1.911	-.08057	.01048	.33716	.51302	-.81274	.10192	-.17389	-.20255	-.17297	-.11091
.850	3.916	-.06087	.02411	.27807	.49121	-.83643	.17185	-.14579	-.19217	-.14977	-.08791
.850	6.055	-.04593	.03220	.21082	.46648	-.84061	.24661	-.11618	-.17831	-.13317	-.06919
.850	7.947	-.03771	.03706	.15129	.44469	-.80091	.30873	-.08286	-.16176	-.11865	-.05382
.850	10.052	-.03360	.03188	.08212	.42267	-.77408	.38444	-.04701	-.13775	-.10819	-.04165
.850	11.914	-.03573	.01601	.02701	.40620	-.76184	.44637	-.01347	-.11407	-.10270	-.04311
.850	13.904	-.04860	-.00059	-.03789	.38669	-.75572	.51335	.02474	-.08337	-.10411	-.04302
.850	15.960	-.06629	-.02227	-.10095	.37185	-.73956	.58193	.06822	-.04689	-.11005	-.04808
.850	17.893	-.08770	-.04769	-.16234	.35643	-.74923	.64292	.10922	-.01178	-.11940	-.05887
.850	18.929	-.10050	-.06076	-.19499	.34915	-.74296	.67493	.12976	.00952	-.12707	-.06644
	GRADIENT	.01227	.00832	-.02899	-.01161	-.01794	.03616	.01304	.00413	.01379	.01282

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.901	-3.993	-.13175	-.01406	.53639	.62054	-.90056	-.06345	-.24360	-.20678	-.23646	-.16941
.901	-1.992	-.09697	.00760	.47913	.59503	-.95413	-.00325	-.21675	-.23600	-.19644	-.13289
.902	-.031	-.05800	.03110	.42006	.57324	-.99506	.06726	-.19368	-.25001	-.16282	-.10189
.901	1.956	-.04350	.04645	.36450	.55058	-1.02802	.13192	-.16325	-.22256	-.13193	-.07475
.899	3.998	-.02809	.05745	.30538	.52650	-1.04634	.20744	-.13022	-.19863	-.10881	-.05103
.900	5.974	-.01358	.06436	.24080	.50497	-1.05859	.27467	-.09897	-.17402	-.09054	-.03108
.900	7.870	-.00297	.06735	.17998	.48290	-1.05992	.33882	-.06318	-.14699	-.07547	-.01804
.899	9.976	-.00177	.06467	.11271	.46142	-1.02914	.41061	-.02572	-.11748	-.06648	-.00317
.900	11.929	-.00234	.04922	.05314	.44560	-.98490	.47270	.00939	-.08469	-.05791	-.00294
.899	13.877	-.01569	.03086	-.00754	.42730	-.97919	.53943	.04934	-.05168	-.06081	-.00621
.900	15.937	-.03463	.00760	-.07448	.41263	-.99146	.60090	.09158	-.01172	-.06508	-.00787
.900	17.933	-.05673	-.01688	-.13498	.39760	-1.00934	.66912	.13248	.02661	-.07592	-.01806
	GRADIENT	.01308	.00912	-.02893	-.01167	-.01832	.03397	.01407	.00152	.01604	.01479

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.949	-4.034	-.08076	.02964	.57669	.66512	-.85883	-.02733	-.19815	-.30318	-.18860	-.12514
.950	-1.959	-.04925	.05623	.51645	.64124	-.89906	.04321	-.16135	-.27795	-.14752	-.08325
.949	-.034	-.02271	.07508	.45996	.61899	-.93753	.10921	-.14037	-.24756	-.11383	-.05445
.949	1.998	-.00043	.08952	.40108	.59617	-.96746	.17656	-.11251	-.21620	-.08255	-.02611
.950	3.973	.01807	.09985	.34149	.57565	-.98264	.24430	-.08751	-.18188	-.05819	-.00039
.951	6.040	.03250	.10674	.27696	.55369	-.98818	.31320	-.05537	-.14683	-.03852	.01865
.950	7.898	.03974	.10803	.21347	.53136	-.98940	.37785	-.02131	-.10717	-.02444	.03338
.950	9.938	.04058	.10469	.14732	.50985	-.99312	.44208	.01316	-.07313	-.01596	.04576
.951	11.944	.04001	.08830	.08853	.49456	-.96902	.51398	.04987	-.03801	-.00766	.04663
.950	13.959	.02356	.07019	.02066	.47610	-.92494	.57403	.09051	-.00135	-.01031	.04582
.950	15.980	.00331	.04583	-.04786	.46029	-.90662	.63766	.12981	.03656	-.01578	.04059
.949	17.944	-.02159	.01806	-.11593	.44541	-.90639	.69911	.17196	.07452	-.02652	.02934
	GRADIENT	.01235	.00871	-.02933	-.01122	-.01583	.03388	.01354	.01523	.01632	.01536

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.981	-4.081	-.05245	.06078	.60071	.69235	-.80209	.00246	-.17829	-.27650	-.14327	-.09662
.980	-1.928	-.01891	.08585	.53467	.66661	-.85077	.07348	-.14381	-.25149	-.11972	-.05140
.978	-.014	.00436	.10181	.48059	.64468	-.88685	.13587	-.10082	-.22827	-.08742	-.02543
.979	2.026	.02715	.11568	.42141	.62218	-.91537	.20276	-.08084	-.19650	-.05178	.00554
.979	3.994	.04398	.12545	.36222	.60130	-.93413	.26722	-.05464	-.16238	-.02731	.02939
.979	5.991	.05552	.13059	.30126	.57983	-.93541	.33345	-.02741	-.12964	-.00852	.04876
.979	7.940	.06398	.13180	.23543	.55806	-.93788	.39642	.00295	-.09236	.00551	.06113
.980	9.961	.06559	.12600	.16997	.53835	-.94778	.46457	.03839	-.04978	.01676	.07284
.980	11.932	.06109	.11028	.10796	.51935	-.93732	.52839	.07408	-.01049	.02320	.07536
.979	13.945	.04516	.08993	.04122	.50211	-.89429	.59305	.11251	.02632	.01984	.07239
.981	15.898	.02515	.06702	-.02903	.48804	-.86239	.65523	.15057	.06476	.01364	.06807
.979	17.969	-.00240	.03730	-.10883	.47134	-.85218	.72069	.19438	.10519	-.00016	.05472
	GRADIENT	.01190	.00793	-.02937	-.01127	-.01638	.03277	.01543	.01408	.01490	.01539

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.051	-4.011	.02463	.13558	.65227	.75163	-.69030	.07906	-.12016	-.21793	-.06704	-.01673
1.050	-1.942	.05451	.15338	.59449	.72581	-.73395	.14507	-.09145	-.19075	-.03806	.01755
1.049	-.019	.07551	.16964	.53790	.70466	-.76807	.20954	-.06092	-.16259	-.01586	.04651
1.050	2.009	.09380	.18200	.47623	.68134	-.79913	.27392	-.03485	-.13031	.01696	.07720
1.048	4.018	.10608	.18791	.42076	.66113	-.82178	.33538	.01519	-.10299	.03622	.09595
1.048	6.058	.11530	.18919	.35700	.63924	-.82904	.39867	.04989	-.06897	.06111	.11611
1.049	7.995	.11974	.18888	.29507	.61817	-.82635	.45910	.07421	-.03342	.07473	.12853
1.050	10.014	.11691	.18358	.22456	.59657	-.82631	.52443	.09840	.00718	.08410	.14135
1.049	11.998	.10792	.16047	.16126	.57720	-.83586	.58467	.13120	.04571	.08720	.13804
1.049	13.933	.09012	.13908	.09426	.56070	-.81838	.64552	.16557	.08838	.08391	.13652
1.051	15.966	.06396	.11015	.01754	.54465	-.77701	.70652	.20320	.13084	.07609	.12891
1.050	17.958	.03176	.07682	-.05976	.53045	-.74639	.76551	.24209	.16927	.06228	.11431
	GRADIENT	.01011	.00666	-.02905	-.01127	-.01640	.03206	.01636	.01451	.01307	.01424

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.101	-3.861	.09609	.19602	.68945	.79465	-.60190	.14041	-.05568	-.17856	.00758	.05463
1.101	-1.934	.11738	.21634	.63447	.77302	-.63538	.19996	-.02314	-.14674	.03632	.09030
1.098	.011	.13635	.22912	.57877	.74933	-.67232	.26015	.00730	-.11867	.05505	.11566
1.097	1.967	.15206	.23959	.52101	.72912	-.70014	.32044	.03815	-.08379	.08394	.14432
1.098	4.069	.16571	.24437	.45848	.70751	-.72539	.38245	.08224	-.04579	.10474	.16107
1.102	6.028	.17416	.24593	.39430	.68746	-.73213	.44189	.10890	-.00653	.12965	.18107
1.101	7.940	.17825	.24349	.33117	.66658	-.73313	.50322	.14014	.03098	.14195	.19303
1.099	10.041	.17282	.23258	.26292	.64339	-.74273	.56716	.16400	.06522	.14771	.20006
1.101	11.953	.16158	.21391	.19881	.62528	-.74562	.62478	.19203	.10804	.15146	.20091
1.100	13.871	.14199	.18888	.13297	.60822	-.73792	.68185	.22287	.14741	.14568	.19480
1.101	15.911	.10966	.15517	.05157	.59129	-.70511	.74202	.25695	.18787	.13648	.18453
1.101	17.912	.09548	.11752	-.00029	.57597	-.66708	.80093	.29448	.22798	.12029	.16689
	GRADIENT	.00879	.00605	-.02912	-.01104	-.01575	.03059	.01708	.01663	.01224	.01348

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-3.928	.09244	.21663	.70071	.82178	-.54496	.16091	-.03084	-.10725	.03209	.09764
1.151	-1.962	.13192	.23223	.63927	.79952	-.58131	.21779	-.01530	-.08308	.06194	.11911
1.151	.008	.15082	.24622	.57824	.77790	-.61136	.27803	.00740	-.05768	.08273	.14240
1.148	2.044	.16231	.25364	.51942	.75496	-.63952	.33481	.03823	-.02638	.10471	.16662
1.149	4.047	.17076	.25537	.45586	.73269	-.66329	.39573	.06371	.00330	.12096	.18501
1.150	6.039	.17253	.25055	.38887	.70996	-.67658	.45587	.09286	.03542	.13460	.20173
1.149	7.933	.17156	.24077	.32406	.68839	-.67997	.51286	.13126	.06651	.15329	.20883
1.149	9.940	.15933	.22213	.25607	.66631	-.68310	.57430	.16732	.09978	.15437	.21377
1.149	11.887	.13665	.18835	.19654	.64993	-.69173	.63419	.20598	.13421	.16441	.20830
1.148	13.900	.09114	.14582	.12356	.63229	-.68037	.69502	.22834	.17352	.17457	.20126
1.150	15.857	.05229	.11246	.06724	.61420	-.65318	.75393	.24262	.21247	.07695	.19891
1.150	17.910	.02072	.08591	.00991	.59280	-.60773	.81529	.27474	.25257	.01157	.09134
1.148	18.951	.00718	.07261	-.01914	.58098	-.59248	.84413	.29854	.27470	.00357	.08194
	GRADIENT	.00935	.00495	-.03054	-.01116	-.01477	.02939	.01217	.01392	.01104	.01114

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.200	-4.012	.11717	.23412	.69163	.84584	-.49306	.17000	-.02227	-.07500	.04785	.10559
1.202	-1.980	.13420	.24492	.62717	.82279	-.52662	.22629	-.00738	-.04821	.08594	.13921
1.201	-.016	.14535	.25232	.56728	.79924	-.55603	.28487	.01377	-.02061	.10553	.16740
1.201	2.000	.15455	.25449	.50499	.77595	-.58365	.34147	.03167	.00539	.12535	.18129
1.200	3.978	.16247	.25542	.44400	.75437	-.60532	.39718	.05176	.03058	.14281	.20286
1.201	6.018	.15599	.23757	.37932	.73037	-.62603	.45713	.07347	.06662	.15121	.21570
1.200	7.937	.13449	.21760	.31480	.70611	-.63565	.51355	.09267	.09852	.14956	.21849
1.202	9.993	.11830	.18713	.24377	.68387	-.63864	.57759	.10925	.13242	.14477	.22422
1.198	11.886	.10702	.16666	.17454	.66010	-.64458	.63645	.14164	.16071	.10753	.21163
1.196	13.858	.08576	.14524	.12760	.63849	-.63492	.69762	.18731	.19141	.04790	.12789
1.204	15.934	.06156	.11801	.06913	.60595	-.62049	.75878	.22690	.22552	.03103	.09807
1.202	17.947	.03486	.09674	.01675	.57552	-.59276	.81872	.27820	.26269	.01865	.08320
	GRADIENT	.00556	.00262	-.03093	-.01151	-.01411	.02853	.00937	.01326	.01150	.01186

OA232 AEDC 16T TF431 LFN.IS RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	-4.010	.10480	.22533	.69219	.88298	-.40510	.20125	-.04635	-.04136	.07327	.13594
1.301	-1.957	.11866	.22761	.62642	.85536	-.43573	.25506	-.04780	-.01271	.08482	.15123
1.300	-.020	.12794	.21376	.56551	.82921	-.46102	.30840	-.03797	.01826	.10597	.15242
1.299	1.989	.13494	.19847	.50225	.80131	-.48599	.36524	-.03216	.04406	.12222	.15421
1.300	4.021	.13462	.20133	.43446	.77284	-.50853	.42398	-.01651	.05939	.11467	.14348
1.299	6.015	.13001	.20251	.36212	.74129	-.52674	.48365	.00351	.09185	.05390	.10562
1.300	7.960	.11727	.20313	.28582	.70434	-.54373	.54501	.03475	.11184	.03040	.10882
1.300	9.999	.08799	.20124	.23957	.66135	-.55285	.60671	.07737	.11928	.02492	.13619
1.301	11.906	.08398	.17414	.20355	.61987	-.55883	.66194	.10728	.12312	.02724	.11083
1.300	13.940	.07059	.16204	.14806	.57578	-.55147	.72593	.14768	.15478	.02926	.11069
1.299	15.926	.05960	.14143	.10119	.53696	-.54179	.78844	.19851	.18735	.02436	.10458
1.299	17.954	.04024	.12577	.05092	.49801	-.53487	.84958	.24787	.23695	.01743	.09473
	GRADIENT	.00379	-.00384	-.03197	-.01371	-.01285	.02777	.00376	.01290	.00599	.00090

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.401	-4.020	.08666	.22509	.67322	.91551	-.33361	.20442	-.06060	-.00381	.06578	.14867
1.401	-1.993	.10275	.22984	.61214	.88412	-.35940	.26132	-.04976	.01165	.07011	.14905
1.401	-.015	.10147	.22376	.55136	.84631	-.38192	.31042	-.03417	.03027	.05143	.13740
1.402	1.977	.10454	.22875	.47723	.80339	-.40137	.36024	-.01841	.04282	.03510	.11874
1.399	4.008	.10820	.22378	.40090	.75638	-.42456	.41229	.00507	.05094	.04176	.12100
1.400	6.072	.11022	.21982	.34171	.70415	-.44134	.48121	.04007	.06183	.04032	.11873
1.401	8.039	.11954	.19579	.30209	.65289	-.45679	.54216	.06066	.08495	.04887	.11630
1.400	10.071	.11648	.19849	.23675	.59754	-.46977	.61022	.09139	.10937	.05807	.11725
1.402	11.999	.10744	.17189	.19722	.55599	-.48303	.66533	.12705	.12837	.05827	.10364
1.401	14.063	.10090	.16480	.14409	.51444	-.48981	.72885	.15947	.15704	.05371	.11540
1.401	15.966	.08541	.15010	.10570	.47915	-.48680	.78545	.20602	.20354	.04855	.10962
1.399	18.004	.06260	.13677	.06603	.43888	-.48514	.84584	.25574	.25063	.04373	.10199
	GRADIENT	.00224	-.00018	-.03393	-.01992	-.01118	.02570	.00813	.00702	-.00414	-.00427

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.548	-3.908	.07166	.19101	.66084	.91055	-.24853	.22375	-.08465	-.00324	-.00289	.08845
1.548	-1.851	.08161	.19996	.59113	.85809	-.27398	.27596	-.06659	.00030	.01128	.10161
1.549	.114	.09308	.20460	.52775	.79911	-.29519	.33010	-.04828	.00060	.00884	.10455
1.549	2.104	.09447	.20458	.45940	.72642	-.30839	.37186	-.02742	.01358	.02203	.13048
1.550	4.150	.09917	.23204	.41599	.65460	-.32847	.42841	-.00135	.02277	.02350	.13474
1.551	6.220	.09493	.21210	.36127	.59287	-.34951	.48197	.04845	.04429	.01726	.12623
1.552	8.091	.11074	.20163	.31342	.55101	-.36689	.53701	.07857	.06803	.04308	.10628
1.551	10.026	.10556	.17538	.26995	.48232	-.37657	.60064	.10763	.09639	.06521	.10500
1.547	11.923	.10167	.16856	.22467	.43997	-.38752	.66149	.15261	.12832	.06179	.12138
1.546	13.900	.08865	.14853	.17927	.39697	-.39648	.72134	.20012	.16881	.06293	.11353
1.552	15.908	.07628	.13269	.12795	.34888	-.40993	.78140	.18301	.19513	.05248	.10846
1.549	17.898	.06045	.12033	.08296	.32092	-.41646	.84997	.23945	.23628	.05196	.10064
	GRADIENT	.00338	.00433	-.03096	-.03206	-.00968	.02517	.01025	.00325	.00317	.00605

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (QVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.202	-1.929	-.15255	-.15057	.35139	.38755	-.30504	-.14841	-.17403	-.21409	-.18647	-.18624
.202	-.016	-.12797	-.13022	.30322	.36497	-.31281	-.08130	-.15799	-.21094	-.17687	-.16816
.202	2.003	-.09818	-.10039	.24210	.34580	-.31590	-.00309	-.14283	-.19341	-.14894	-.14663
.202	3.989	-.08773	-.09629	.19140	.31417	-.32249	.07089	-.11544	-.18724	-.14275	-.14467
.201	6.053	-.08019	-.09306	.12642	.28628	-.33582	.12648	-.10595	-.18680	-.14625	-.14606
	GRADIENT	.01133	.00974	-.02737	-.01210	-.00280	.03723	.00966	.00497	.00806	.00739

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (QVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.250	-1.734	-.12269	-.12701	.36559	.40851	-.28328	-.11419	-.15729	-.19342	-.03054	-.02989
.250	.144	-.10062	-.10493	.30896	.39483	-.30000	-.05563	-.14381	-.19931	-.02621	-.02556
.251	2.144	-.08190	-.08620	.26190	.35594	-.30607	.02698	-.11633	-.18231	-.02062	-.01854
.250	4.009	-.07340	-.07989	.19821	.32763	-.32340	.09258	-.10813	-.18338	-.02304	-.02237
.250	6.242	-.06726	-.07372	.13666	.29773	-.33123	.16243	-.08893	-.16819	-.02426	-.02289
	GRADIENT	.00867	.00833	-.02854	-.01466	-.00656	.03658	.00912	.00248	.00147	.00155

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.404	-1.870	-.13010	-.13253	.36967	.42027	-.29520	-.12561	-.16939	-.20245	-.17027	-.17348
.404	.085	-.10533	-.10888	.32020	.39357	-.30098	-.05276	-.14794	-.19583	-.15457	-.15779
.405	2.152	-.08982	-.09333	.26682	.36382	-.30863	.01842	-.12767	-.18907	-.14455	-.14435
.399	4.167	-.07145	-.07856	.20019	.33965	-.31970	.08664	-.11148	-.18045	-.13237	-.13452
.398	6.117	-.06614	-.07326	.14141	.31274	-.32885	.15320	-.09331	-.17179	-.13302	-.13635
	GRADIENT	.00946	.00878	-.02785	-.01346	-.00403	.03508	.00961	.00361	.00612	.00645

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.599	-1.963	-.12823	-.13301	.39912	.45411	-.30509	-.11487	-.17456	-.21316	-.18567	-.19163
.599	.091	-.10301	-.10726	.34039	.42594	-.31777	-.03838	-.15763	-.20610	-.16669	-.17216
.599	2.060	-.08299	-.08722	.27768	.39858	-.33384	.03205	-.14544	-.20126	-.15454	-.15693
.599	4.128	-.06916	-.07495	.21099	.36834	-.34313	.10364	-.12647	-.19172	-.14131	-.14527
.599	6.169	-.05848	-.06734	.15615	.34454	-.33986	.17536	-.09694	-.17754	-.13454	-.13952
	GRADIENT	.00974	.00959	-.03098	-.01406	-.00643	.03597	.00773	.00342	.00718	.00762

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.800	-1.822	-.09706	-.10029	.44244	.53240	-.55384	-.05537	-.19863	-.22033	-.19868	-.20225
.799	.082	-.07432	-.07648	.38674	.50718	-.61319	.01149	-.18096	-.21690	-.17755	-.17976
.800	2.136	-.05265	-.05409	.32230	.48136	-.60469	.08613	-.16081	-.20678	-.15327	-.15515
.800	4.197	-.03670	-.03883	.25810	.45633	-.72832	.15899	-.13648	-.19531	-.13384	-.13436
.800	6.281	-.02391	-.02951	.19380	.43252	-.78429	.23350	-.10919	-.17854	-.11874	-.12101
	GRADIENT	.01007	.01026	-.03071	-.01263	-.03044	.03569	.01028	.00425	.01087	.01135

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (QVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.850	-1.940	-.07779	-.08143	.46601	.56394	-.71743	-.03156	-.21824	-.21217	-.19689	-.19826
.850	.144	-.05099	-.05332	.40245	.53926	-.76603	.04320	-.19633	-.20647	-.16528	-.16669
.850	2.202	-.03164	-.03331	.33939	.51329	-.80458	.11358	-.17064	-.19995	-.13861	-.13908
.850	4.246	-.01511	-.01773	.27780	.48893	-.81874	.18522	-.13913	-.18890	-.11493	-.11445
.850	6.335	-.00175	-.00824	.21187	.46609	-.80816	.25983	-.10828	-.17443	-.09646	-.09891
	GRADIENT	.01006	.01025	-.03045	-.01217	-.01663	.03496	.01275	.00370	.01322	.01354

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.900	-1.931	-.04263	-.04635	.49372	.60283	-1.04685	.00797	-.21803	-.25135	-.16678	-.16504
.900	.161	-.01703	-.01889	.43066	.57699	-1.09155	.07663	-.19119	-.24926	-.13295	-.13339
.900	2.233	.00340	.00216	.36739	.55298	-1.12803	.14888	-.15998	-.22141	-.10241	-.10105
.900	4.321	.02048	.01651	.30262	.52855	-1.14998	.21915	-.12433	-.19437	-.07715	-.07612
.900	6.393	.03207	.02567	.23765	.50566	-1.14022	.29148	-.08981	-.16721	-.05823	-.06058
	GRADIENT	.01007	.01007	-.03057	-.01185	-.01661	.03389	.01500	.00954	.01438	.01436

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.950	-1.845	.00624	.00305	.52644	.64507	-.94275	.06082	-.15483	-.27654	-.11735	-.11344
.949	.191	.02905	.02675	.46648	.61920	-.98480	.12150	-.13693	-.24597	-.08242	-.07942
.949	2.270	.04784	.04786	.40318	.59555	-1.02234	.18978	-.10895	-.21287	-.05098	-.04743
.949	4.361	.06398	.06113	.33701	.57247	-1.05625	.25892	-.08165	-.17944	-.02608	-.02314
.949	6.385	.07355	.06868	.27203	.55076	-1.07812	.32824	-.04992	-.14350	-.00706	-.00789
	GRADIENT	.00927	.00943	-.03052	-.01166	-.01826	.03202	.01197	.01568	.01474	.01463

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.981	-1.847	.03582	.03162	.54883	.67050	-.87817	.08715	-.13684	-.25168	-.08952	-.07623
.979	.196	.05689	.05552	.48877	.64676	-.91950	.14732	-.09314	-.22611	-.05481	-.05108
.979	2.283	.07483	.07459	.42489	.62178	-.95722	.21462	-.07848	-.19288	-.02083	-.01686
.979	4.387	.09028	.08668	.35909	.59813	-.99095	.28375	-.04929	-.15730	.00470	.00836
.979	6.418	.09765	.09293	.29450	.57642	-1.01538	.35169	-.02065	-.12401	.02351	.02295
	GRADIENT	.00872	.00886	-.03046	-.01165	-.01808	.03161	.01333	.01522	.01522	.01385

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (QVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.049	-1.880	.10440	.10298	.60532	.73072	-.74815	.15100	-.08963	-.18976	-.01032	-.01058
1.048	.124	.12303	.12281	.54638	.70637	-.78273	.21616	-.05426	-.16208	.01430	.02437
1.051	2.223	.14122	.14219	.48360	.68430	-.81430	.28569	-.02474	-.12096	.04677	.05412
1.051	4.323	.15185	.15076	.41661	.65893	-.84533	.34979	.03084	-.08937	.06803	.07387
1.051	6.472	.15748	.15432	.34771	.63616	-.87606	.41716	.05042	-.05618	.09240	.09528
	GRADIENT	.00774	.00785	-.03037	-.01146	-.01560	.03215	.01889	.01654	.01292	.01365

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.101	-1.920	.16909	.16498	[illegible]	.77484	-.65765	.20696	-.02094	-.14160	.06566	.06195
1.098	.082	.18424	.18324	[illegible]	.75240	-.69176	.26521	.01351	-.11261	.08476	.09175
1.101	2.167	.19873	.19802	[illegible]	.72879	-.72072	.33056	.04963	-.07338	.11530	.12421
1.100	4.279	.20925	.20601	.45660	.70454	-.75148	.39448	.10135	-.03870	.13651	.13948
1.098	6.344	.21323	.20801	.39344	.68383	-.78029	.45102	.12186	-.00626	.15648	.15746
	GRADIENT	.00652	.00665	-.03018	-.01134	-.01500	.03036	.01950	.01683	.01176	.01280

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-1.979	.18382	.18090	.64978	.80296	-.59258	.22408	-.01198	-.07704	.09358	.09267
1.149	.012	.20124	.19611	.59054	.77998	-.62289	.28180	.01129	-.04640	.11531	.11105
1.151	2.154	.21009	.20774	.52101	.75474	-.65548	.34483	.03929	-.01835	.13591	.14021
1.149	4.267	.21648	.21191	.45518	.73136	-.68271	.40633	.07100	.01242	.15440	.15758
1.149	6.306	.21607	.20790	.38951	.70955	-.70415	.46734	.10371	.04181	.17066	.17243
	GRADIENT	.00510	.00500	-.03130	-.01150	-.01451	.02921	.01327	.01419	.00972	.01073

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.201	-1.981	.19222	.18826	.64289	.82696	-.52957	.23492	-.00818	-.04721	.10980	.11380
1.199	.093	.20438	.20206	.57777	.80161	-.56134	.29425	.01754	-.02214	.14204	.13562
1.198	2.179	.20892	.21290	.51060	.77676	-.59081	.35228	.04278	.00441	.15693	.16116
1.198	4.250	.21095	.21118	.44328	.75265	-.61424	.41235	.07230	.03889	.17226	.18137
1.199	6.371	.20808	.20064	.37373	.72693	-.63828	.47402	.08846	.07499	.18078	.19043
	GRADIENT	.00408	.00383	-.03205	-.01192	-.01384	.02840	.01283	.01371	.00973	.01099

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (QVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.299	-1.929	.15343	.19639	.63437	.85814	-.43984	.24934	-.04431	-.01153	.12104	.11832
1.299	.039	.14893	.19878	.57294	.82967	-.46416	.30458	-.02688	.01828	.12843	.12917
1.301	2.123	.14067	.16966	.50645	.79694	-.48962	.37009	-.02309	.03675	.12453	.13594
1.300	4.246	.14906	.18383	.43948	.76458	-.51267	.43191	.00122	.06017	.09740	.12269
1.299	6.301	.14676	.18269	.37309	.72993	-.53143	.49431	.01916	.07953	.06016	.08809
	GRADIENT	-.00102	-.00323	-.03160	-.01521	-.01183	.02976	.00682	.01131	-.00369	.00092

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.401	-2.028	.15873	.15597	.62311	.88588	-.35892	.27103	-.05484	.01852	.10667	.08141
1.399	.076	.16068	.16366	.55961	.84995	-.38441	.32185	-.04158	.04774	.09951	.06284
1.399	2.205	.15981	.16736	.48920	.80894	-.40581	.37760	-.01838	.05976	.07747	.05398
1.398	4.281	.16217	.16401	.41069	.75871	-.42864	.43758	-.00038	.07191	.08766	.06696
1.400	6.338	.15890	.16647	.33966	.71237	-.44759	.49920	.02055	.07013	.08845	.07549
	GRADIENT	.00045	.00132	-.03360	-.02006	-.01095	.02637	.00886	.00818	-.00377	-.00249

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.549	-2.124	.14200	.15001	.60534	.86190	-.27742	.27941	-.05642	-.00603	.06230	.02560
1.550	-.045	.14927	.15285	.53766	.79894	-.29482	.34460	-.03900	-.01015	.07970	.04740
1.549	2.045	.14641	.15443	.45887	.72737	-.31124	.38665	-.01682	.00314	.08571	.05846
1.549	4.167	.15294	.16162	.41071	.65162	-.33566	.43888	.00499	.02946	.09740	.06972
1.550	6.159	.14726	.15972	.35949	.58687	-.34663	.49438	.03706	.05383	.09026	.06612
	GRADIENT	.00143	.00174	-.03160	-.03351	-.00912	.02482	.00985	.00573	.00531	.00684

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	8.038	.16841	.15466	.30439	.70514	-.54795	.54721	.03621	.11043	.06968	.07107
1.300	11.908	.13802	.13319	.20136	.62766	-.57789	.65898	.11503	.12709	.07295	.06885
1.299	15.903	.09295	.10604	.09555	.54116	-.57560	.78241	.20234	.18825	.06286	.06455
1.299	17.967	.07843	.09208	.04894	.50135	-.54529	.84566	.25372	.23295	.05791	.06422
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.319	7.955	.15117	.14868	.30598	.69749	-.52953	.54094	.06130	.10423	.09584	.07386
1.319	11.997	.13081	.13350	.20353	.60952	-.55894	.66589	.12116	.12134	.07166	.07334
1.320	16.006	.10312	.10377	.09363	.51956	-.56110	.78698	.21792	.19037	.07351	.06224
1.320	18.010	.06860	.08649	.04876	.47870	-.53666	.84685	.26545	.23268	.05998	.06195
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.340	7.977	.15387	.15628	.29982	.68799	-.51275	.54376	.03178	.08754	.07286	.08974
1.340	12.002	.12818	.14780	.21572	.59568	-.53887	.66667	.10967	.12308	.08572	.08249
1.337	16.034	.07888	.11629	.09898	.50782	-.54890	.78886	.19258	.20562	.06396	.06276
1.335	18.010	.06427	.09333	.05336	.46759	-.53099	.84685	.24321	.25936	.05337	.05706
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.360	7.980	.14673	.16945	.30353	.68067	-.49169	.54790	.05952	.08382	.06319	.08515
1.360	11.974	.11247	.14877	.20612	.58846	-.52421	.66872	.12787	.12948	.06996	.08340
1.360	16.056	.09847	.12692	.10249	.50408	-.53331	.78735	.20907	.20831	.06124	.07579
1.361	17.986	.07790	.10889	.05951	.46559	-.52413	.84736	.24905	.24481	.06210	.07838
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.378	7.985	.15363	.17808	.30787	.67331	-.47542	.55112	.06785	.07811	.07866	.08774
1.380	11.946	.13089	.14943	.20693	.57910	-.50466	.66555	.11303	.14268	.07830	.06509
1.381	16.045	.09543	.12564	.10576	.49196	-.52630	.79150	.19327	.21061	.06588	.08188
1.381	17.961	.09602	.11411	.06142	.45766	-.51190	.84853	.24350	.25542	.05227	.07938
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.400	7.991	.14731	.17319	.31185	.65809	-.45967	.55080	.05122	.08296	.06892	.09773
1.400	11.952	.13619	.15404	.20689	.56294	-.49076	.66210	.12232	.13539	.06148	.08689
1.401	16.014	.10059	.12039	.11088	.47389	-.50931	.79033	.20695	.22879	.05285	.08794
1.399	17.971	.08741	.10319	.06569	.44187	-.50691	.85126	.24518	.25153	.06770	.08820
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.450	7.985	.14551	.16623	.31461	.62704	-.42649	.55639	.06547	.07287	.07170	.08851
1.449	11.857	.15189	.15199	.22088	.52512	-.44904	.67240	.12601	.12676	.07375	.09342
1.451	16.025	.10440	.12539	.12989	.43918	-.47030	.79206	.18573	.19187	.08207	.09602
1.451	18.092	.08439	.11370	.08467	.39757	-.47693	.85450	.23895	.22582	.06720	.08375
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.201	-1.766	-.14749	-.14109	.36101	.39542	-.29122	-.12182	-.16714	-.21407	-.04229	-.03950
.201	2.228	-.10503	-.09867	.24421	.34225	-.32220	.00141	-.13939	-.20731	-.03611	-.03333
.201	6.192	-.07650	-.07867	.14230	.29683	-.33172	.14660	-.09387	-.18166	-.02996	-.02859
.201	10.191	-.07477	-.08338	.00890	.24718	-.33868	.27291	-.06850	-.15207	-.03036	-.02827
.200	14.198	-.10477	-.10914	-.10264	.19918	-.32832	.41847	.01023	-.10264	-.03451	-.03312
.201	18.204	-.13469	-.13473	-.20094	.17276	-.30546	.54647	.08526	-.03866	-.03569	-.03363
	GRADIENT	.01063	.01062	-.02925	-.01332	-.00776	.03086	.00695	.00169	.00155	.00154

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.397	-1.964	-.13991	-.12933	.37116	.42082	-.29332	-.11402	-.16623	-.20135	-.03637	-.03369
.399	2.089	-.09218	-.08870	.26314	.36725	-.31304	.02116	-.13221	-.18808	-.02666	-.02400
.400	6.076	-.06374	-.06609	.14732	.31766	-.32490	.16133	-.09078	-.17224	-.02014	-.01903
.399	10.062	-.06412	-.06882	.02942	.26925	-.33306	.29379	-.04438	-.14369	-.02235	-.02123
.399	14.055	-.08828	-.09533	-.08364	.22769	-.32109	.42898	.01698	-.08950	-.02581	-.02470
.398	18.049	-.13273	-.13276	-.19391	.18583	-.30548	.55028	.08477	-.03638	-.03588	-.03516
	GRADIENT	.01178	.01002	-.02665	-.01322	-.00487	.03335	.00839	.00328	.00240	.00239

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.599	-1.951	-.13365	-.12589	.39261	.45505	-.31024	-.08904	-.17869	-.21631	-.04405	-.04360
.600	2.115	-.08520	-.08574	.27426	.39727	-.33356	.04441	-.14334	-.20145	-.03245	-.03182
.601	6.089	-.06012	-.06478	.15554	.34712	-.34574	.17564	-.10204	-.17856	-.02626	-.02666
.600	10.078	-.05805	-.06532	.03460	.29922	-.35151	.31525	-.05406	-.14661	-.02468	-.02543
.600	14.086	-.08296	-.09076	-.08093	.25376	-.34085	.44956	.01125	-.09284	-.02817	-.02909
.598	18.076	-.12458	-.13138	-.19699	.21639	-.32546	.58082	.08525	-.03509	-.03723	-.03834
	GRADIENT	.01192	.00988	-.02911	-.01421	-.00574	.03282	.00869	.00366	.00285	.00290

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.699	-1.936	-.12633	-.12016	.41166	.48325	-.31883	-.06647	-.18454	-.21894	-.04746	-.04712
.702	2.061	-.07623	-.07585	.28984	.43005	-.33173	.06467	-.15419	-.20652	-.03494	-.03377
.703	6.114	-.05004	-.05456	.16834	.37941	-.35553	.19715	-.10866	-.18127	-.02722	-.02741
.701	10.066	-.04686	-.05471	.05531	.33478	-.44935	.33475	-.05071	-.14456	-.02386	-.02460
.700	14.084	-.07080	-.07948	-.06835	.28970	-.56061	.46951	.01412	-.09393	-.02620	-.02666
.697	18.070	-.11500	-.12126	-.18895	.25454	-.62262	.59917	.08558	-.03367	-.03412	-.03528
	GRADIENT	.01253	.01109	-.03048	-.01331	-.00323	.03281	.00759	.00311	.00313	.00334

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.801	-1.983	-.10482	-.09828	.44522	.53102	-.64215	-.03127	-.19640	-.22407	-.05187	-.05091
.800	1.919	-.05517	-.05519	.32205	.48160	-.68337	.10182	-.16664	-.21013	-.03634	-.03594
.800	5.912	-.02498	-.03055	.20229	.43592	-.76255	.23220	-.11417	-.18173	-.02364	-.02369
.800	9.967	-.02149	-.02944	.07817	.39047	-.78321	.36890	-.05461	-.14445	-.01750	-.01812
.800	13.967	-.04240	-.05041	-.04624	.35227	-.80140	.50419	.01632	-.09005	-.01720	-.01794
.799	18.030	-.08846	-.09371	-.17243	.31938	-.78873	.63316	.09798	-.02545	-.02422	-.02554
	GRADIENT	.01272	.01104	-.03157	-.01267	-.03085	.03411	.00763	.00357	.00398	.00384

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.900	-1.953	-.04840	-.03958	.48635	.60112	-1.06396	.02871	-.22348	-.25361	-.04161	-.03883
.900	1.965	.00006	.00219	.37265	.55449	-1.13411	.15283	-.16517	-.22710	-.02040	-.01923
.900	5.944	.03053	.02627	.24931	.51018	-1.15211	.28189	-.09805	-.17425	-.00502	-.00434
.900	9.984	.03480	.02840	.12494	.46826	-.97047	.41917	-.02710	-.11595	.00367	.00345
.900	13.992	.01226	.00433	-.00238	.43103	-.97206	.55053	.05346	-.05026	.00558	.00485
.900	17.996	-.03468	-.03957	-.13072	.39980	-1.01018	.68087	.13740	.02719	.00060	-.00033
	GRADIENT	.01237	.01066	-.02903	-.01190	-.01791	.03168	.01489	.00677	.00541	.00500

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.950	-1.973	.00045	.00507	.52640	.64531	-.95377	.07211	-.15501	-.28277	-.02587	-.02265
.950	1.989	.04579	.04724	.40586	.59743	-1.03117	.19596	-.11408	-.22014	-.00392	-.00222
.950	6.006	.07302	.06840	.28285	.55442	-1.08618	.32166	-.05904	-.15384	.01180	.01256
.950	9.980	.07639	.06947	.16046	.51466	-1.03001	.45308	.01227	-.07522	.02009	.02009
.950	14.007	.05155	.04405	.02905	.47772	-.89119	.58420	.09034	-.00155	.02164	.02125
.950	17.985	.00214	-.00279	-.11564	.44699	-.90359	.71059	.17076	.07534	.01642	.01545
	GRADIENT	.01144	.01064	-.03042	-.01209	-.01954	.03126	.01033	.01581	.00554	.00516

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.980	-2.021	.02911	.03333	.54637	.66985	-.89186	.10273	-.14420	-.25691	-.01737	-.01114
.979	2.041	.07298	.07383	.42731	.62288	-.96741	.22149	-.08266	-.19921	.00591	.00786
.980	6.025	.09769	.09321	.30382	.58006	-1.02076	.34406	-.02974	-.13229	.02180	.02283
.980	9.998	.09850	.09149	.17723	.53939	-1.01593	.47496	.03643	-.05073	.02956	.02984
.980	14.003	.07296	.06454	.04485	.50339	-.85794	.60516	.11389	.02854	.03106	.03022
.980	18.003	.02012	.01590	-.10493	.47292	-.84511	.72778	.19571	.10526	.02536	.02442
	GRADIENT	.01080	.00997	-.02931	-.01156	-.01860	.02924	.01515	.01421	.00573	.00468

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.050	-1.995	.10162	.10815	.60186	.73144	-.75517	.17156	-.09428	-.19007	.01006	.01113
1.049	2.060	.14021	.14083	.48259	.68251	-.82217	.28522	-.02758	-.13036	.02800	.03146
1.049	6.072	.15794	.15412	.36036	.63991	-.87787	.41077	.04691	-.06512	.04378	.04548
1.050	10.045	.15360	.14712	.23441	.59933	-.90078	.53505	.09842	.00749	.05113	.05165
1.050	14.074	.11812	.11281	.09892	.56181	-.79382	.65852	.16807	.09300	.05123	.05116
1.049	18.029	.05577	.05400	-.05540	.53057	-.72728	.77989	.24527	.17230	.04448	.04322
	GRADIENT	.00952	.00806	-.02941	-.01207	-.01652	.02803	.01645	.01472	.00443	.00502

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.100	-2.011	.15979	.16956	.64202	.77463	-.65783	.22235	-.02514	-.14863	.03320	.03464
1.099	2.052	.19520	.19925	.52155	.72826	-.72263	.33653	.04289	-.07946	.04940	.05477
1.100	6.005	.21001	.21005	.40107	.68555	-.77612	.44807	.10912	-.01070	.06416	.06658
1.100	10.024	.20364	.19996	.27566	.64621	-.80690	.57102	.16119	.06466	.07079	.07217
1.100	14.083	.16503	.16248	.14672	.60698	-.72999	.69098	.22360	.14958	.07004	.07076
1.100	18.076	.10313	.09569	.02078	.57255	-.65118	.81045	.29470	.22744	.06147	.06104
	GRADIENT	.00872	.00731	-.02965	-.01142	-.01595	.02810	.01675	.01703	.00399	.00496

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.148	-1.987	.17461	.18889	.64903	.80202	-.59480	.23894	-.01117	-.08404	.04211	.04501
1.149	2.086	.20733	.21381	.52143	.75642	-.65696	.34541	.03724	-.02828	.05647	.06098
1.151	6.046	.21460	.21631	.39778	.71462	-.70261	.46127	.09873	.03294	.06765	.07298
1.151	10.040	.19598	.19378	.26835	.67055	-.73877	.58335	.17811	.09747	.07272	.07622
1.150	14.088	.11162	.12703	.13964	.63294	-.69336	.70258	.22895	.17351	.07610	.07719
1.150	18.062	.04527	.06512	.03299	.59676	-.57769	.82335	.28263	.25459	.03055	.03344
	GRADIENT	.00803	.00612	-.03133	-.01120	-.01526	.02614	.01189	.01369	.00353	.00392

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.200	-1.998	.17818	.19571	.63494	.82561	-.53682	.24386	-.00738	-.05025	.04555	.05222
1.200	2.045	.19838	.21922	.50770	.77717	-.59285	.34708	.03315	.00330	.06435	.06713
1.199	6.060	.19917	.21535	.38256	.72995	-.63939	.46169	.08659	.06215	.07109	.07296
1.199	10.055	.14721	.16529	.25971	.68616	-.67531	.58703	.11729	.13302	.07292	.07525
1.200	14.080	.10351	.12188	.13778	.63561	-.66401	.70568	.18129	.19831	.03859	.04253
1.200	18.036	.04982	.07228	.02738	.57435	-.56036	.82844	.27584	.26616	.02819	.03358
	GRADIENT	.00499	.00581	-.03146	-.01198	-.01395	.02553	.01002	.01324	.00465	.00369

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	-1.999	.16734	.17956	.63882	.85717	-.43850	.25909	-.03983	-.01364	.05390	.05451
1.300	2.014	.16145	.16003	.51203	.79982	-.48885	.36623	-.01948	.04697	.06024	.05738
1.300	5.952	.16746	.16199	.38718	.74033	-.53345	.48171	.01362	.08086	.04199	.03747
1.300	9.980	.14836	.14462	.25680	.66908	-.58497	.60321	.08415	.11999	.03948	.03565
1.300	14.018	.11719	.11895	.15581	.58189	-.58478	.72635	.16821	.15523	.03556	.03412
1.300	18.041	.07913	.09161	.05393	.49963	-.54339	.85099	.25837	.23251	.03197	.03304
	GRADIENT	-.00147	-.00487	-.03160	-.01429	-.01257	.02570	.00507	.01510	.00159	.00072

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.550	-1.888	.13674	.15841	.59077	.86189	-.28114	.28198	-.07379	.00593	.01929	.03181
1.550	2.047	.14287	.16381	.47353	.73552	-.31218	.37752	-.03150	.00946	.02909	.03744
1.550	6.027	.13888	.16493	.37311	.60807	-.34838	.48677	.01580	.04594	.02921	.04191
1.549	10.107	.12585	.17568	.28675	.49752	-.37748	.61455	.08570	.09163	.03406	.04433
1.550	14.069	.11799	.14649	.18136	.39789	-.39550	.72924	.14892	.14714	.03328	.04553
1.549	18.098	.07729	.10964	.09189	.31706	-.41587	.86273	.24568	.23773	.02983	.03756
	GRADIENT	.00156	.00137	-.02979	-.03211	-.00789	.02428	.01075	.00090	.00249	.00143

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.219	8.054	.12403	.20204	.31345	.71600	-.61345	.52829	.06149	.08714	.06058	.08581
1.219	11.957	.09700	.16894	.19196	.66088	-.60505	.64459	.12518	.15452	.02586	.06004
1.220	16.095	.05160	.12297	.08140	.59266	-.59764	.76722	.21972	.21383	.01799	.04677
1.218	18.084	.03515	.10282	.03220	.55923	-.58611	.82930	.27341	.24852	.01468	.04607
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.240	8.054	.12434	.19301	.30289	.71442	-.59885	.52587	.05810	.11736	.05195	.07797
1.240	11.968	.09492	.16719	.19129	.65493	-.59393	.65339	.12271	.17749	.02425	.04969
1.238	15.977	.05318	.12906	.08747	.58331	-.57944	.76668	.21608	.22722	.01755	.04556
1.239	18.079	.03058	.10966	.03467	.54371	-.57413	.83344	.25971	.25557	.01416	.04341
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.260	8.045	.11112	.18244	.31751	.71322	-.57731	.52596	.04715	.12657	.03777	.05776
1.259	11.981	.11894	.14776	.20654	.64335	-.57265	.64736	.11795	.16930	.02267	.04796
1.258	15.984	.07358	.12711	.08997	.57121	-.56585	.77093	.20782	.21632	.01744	.04316
1.258	18.096	.05413	.11179	.04016	.53069	-.56218	.83879	.25338	.25887	.01386	.04073
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.280	8.039	.12144	.20314	.31479	.69576	-.56323	.52822	.06515	.09095	.03046	.04955
1.280	11.999	.10653	.18638	.21166	.62350	-.56859	.64870	.13198	.12456	.02679	.04237
1.280	15.970	.07081	.15732	.09725	.55253	-.55600	.77341	.20099	.19449	.02244	.04150
1.279	18.105	.05255	.13297	.04792	.51457	-.54531	.83855	.25438	.24766	.02004	.04035
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	8.026	.11274	.19221	.32226	.70036	-.54211	.53181	.07442	.09138	.02770	.04523
1.300	11.917	.09838	.17737	.20535	.62143	-.55342	.64875	.13230	.13012	.02777	.04967
1.300	15.977	.06303	.14361	.09742	.53710	-.54096	.76321	.21351	.18781	.02318	.04887
1.301	18.072	.03705	.12840	.04457	.49594	-.53601	.84022	.26058	.23132	.02058	.04831
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.320	8.006	.10990	.19985	.31662	.70161	-.52034	.53490	.06936	.09465	.02680	.05158
1.321	12.016	.09003	.17562	.20120	.60482	-.53151	.65789	.13387	.11734	.02963	.05232
1.319	15.986	.06515	.14391	.09528	.51783	-.52009	.77694	.21659	.18736	.02530	.04971
1.321	18.067	.04485	.12729	.04804	.47686	-.51819	.84106	.25725	.23434	.01931	.04860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.341	8.001	.11918	.20898	.32030	.70310	-.50737	.53635	.04611	.08738	.02627	.04902
1.340	12.007	.09321	.18492	.20599	.59715	-.51795	.66112	.12482	.12985	.02199	.05504
1.340	15.979	.06490	.15505	.10322	.51350	-.50494	.78020	.20661	.20317	.02189	.05356
1.340	18.098	.04701	.13764	.05623	.46863	-.50800	.84467	.24617	.24699	.01710	.05141
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (QVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.360	7.994	.11221	.20564	.32322	.69416	-.48862	.53598	.06459	.09614	.02619	.05080
1.360	11.935	.09463	.18249	.21256	.58114	-.50069	.65906	.13145	.12642	.02796	.05285
1.360	15.984	.07208	.15973	.10447	.49953	-.49339	.78019	.20928	.20671	.02216	.05079
1.360	18.040	.05720	.14087	.05779	.45875	-.49248	.84241	.24178	.24375	.01967	.05089
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.380	7.981	.12549	.21386	.31830	.66898	-.47785	.54182	.05186	.06758	.02531	.05456
1.379	11.967	.10389	.18125	.20963	.57101	-.49351	.66063	.11495	.13744	.02646	.04890
1.381	15.941	.07224	.15512	.10798	.47963	-.48575	.77913	.18711	.20058	.01795	.05109
1.381	18.045	.04885	.14388	.06060	.44425	-.48652	.84928	.24612	.25324	.01623	.04979
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.401	7.957	.13012	.19483	.32852	.65582	-.45501	.54783	.04545	.08580	.02539	.05209
1.400	11.908	.09367	.18968	.21542	.55129	-.47648	.65982	.12872	.13113	.02025	.05452
1.399	15.912	.07714	.15643	.11508	.46593	-.47567	.78335	.20785	.22252	.02190	.05319
1.401	18.020	.04844	.13130	.06543	.42659	-.47645	.84535	.24615	.24150	.01977	.05150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.450	7.958	.11526	.20124	.31979	.62496	-.42321	.56176	.06910	.07645	.02579	.04768
1.450	11.995	.09616	.18535	.21606	.51069	-.44968	.67153	.11325	.12830	.02476	.05190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.450	16.008	.08155	.16501	.12344	.42465	-.45800	.79202	.19166	.19141	.02525	.05535
1.449	17.954	.05631	.14346	.08413	.38924	-.45582	.85310	.24299	.22317	.02086	.05162
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.200	-1.724	-.15820	-.13029	.35371	.39255	-.29801	-.21208	-.17567	-.21423	-.18607	-.18166
.202	.162	-.12325	-.10417	.29962	.36773	-.30175	-.07442	-.15537	-.20623	-.16568	-.16131
.202	2.150	-.10050	-.08992	.24349	.34127	-.31496	.02266	-.13895	-.19190	-.14925	-.14703
.200	4.102	-.09871	-.08798	.18565	.31500	-.32921	.08011	-.12476	-.20006	-.15464	-.14809
.199	6.155	-.08127	-.07046	.12477	.29187	-.33720	.13567	-.10530	-.17679	-.15060	-.14400
.200	8.172	-.07607	-.06965	.06590	.26819	-.33205	.20150	-.07406	-.16220	-.14053	-.13399
.200	10.191	-.08078	-.07432	.01226	.24384	-.33393	.27201	-.04843	-.14360	-.13696	-.13687
.200	12.186	-.08016	-.07588	-.04135	.22825	-.32166	.34260	-.01769	-.11688	-.14477	-.13605
.200	14.134	-.10308	-.09668	-.10737	.20200	-.32003	.39972	.00644	-.09669	-.15670	-.15445
.199	16.200	-.13226	-.12357	-.16503	.18238	-.32232	.45122	.03378	-.07550	-.17368	-.17357
	GRADIENT	.01031	.00723	-.02878	-.01331	-.00550	.04994	.00868	.00292	.00567	.00589

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.250	-3.986	-.15898	-.13960	.42368	.44104	-.26470	-.19792	-.17229	-.18710	-.19311	-.18031
.251	-2.079	-.13631	-.12133	.37849	.41504	-.27570	-.13638	-.15380	-.18571	-.17055	-.16396
.251	-.007	-.11026	-.09959	.31574	.38432	-.30074	-.06322	-.15126	-.18311	-.15942	-.15286
.252	1.932	-.09060	-.08209	.25943	.36196	-.31038	.00755	-.13357	-.17816	-.14602	-.14161
.253	3.917	-.07623	-.06783	.20398	.33470	-.31005	.06913	-.11231	-.16688	-.13305	-.13082
.254	5.951	-.06338	-.05920	.15530	.31308	-.30725	.14690	-.08041	-.15174	-.13901	-.12837
.253	7.977	-.05758	-.05760	.10301	.28692	-.31109	.21926	-.05351	-.14003	-.12724	-.12289
.252	10.002	-.06275	-.06064	.02038	.26352	-.33134	.28269	-.05438	-.12249	-.13091	-.12652
.251	11.976	-.07447	-.07235	-.03793	.24185	-.33475	.34943	-.02942	-.10033	-.13680	-.13237
.252	13.990	-.08445	-.08662	-.08877	.21927	-.31751	.41605	.01172	-.07594	-.15281	-.14198
.253	16.030	-.10479	-.10482	-.13245	.19680	-.30013	.47718	.05661	-.03900	-.15781	-.15130
	GRADIENT	.01066	.00923	-.02819	-.01341	-.00634	.03422	.00706	.00242	.00689	.00612

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.399	-1.885	-.13435	-.11567	.37383	.42197	-.27837	-.11920	-.15920	-.19651	-.16822	-.15290
.399	.013	-.11037	-.09526	.32190	.39543	-.29097	-.05565	-.14556	-.19086	-.15572	-.15212
.401	1.980	-.09018	-.07980	.26528	.36959	-.30206	.01517	-.12977	-.18290	-.13989	-.13748
.400	3.996	-.07563	-.06868	.20112	.34309	-.31982	.08603	-.11536	-.17805	-.13370	-.13128
.401	5.974	-.06591	-.06246	.14662	.31511	-.32373	.14202	-.09163	-.16704	-.13784	-.13310
.400	8.006	-.06130	-.06017	.08910	.28971	-.32712	.22092	-.06726	-.15465	-.12652	-.12410
.401	10.007	-.06064	-.05951	.03323	.27320	-.32254	.29177	-.03988	-.13024	-.12430	-.12306
.400	12.047	-.07208	-.07095	-.02896	.24615	-.32032	.35927	-.01271	-.10944	-.13261	-.13252
.399	14.037	-.08868	-.08872	-.08634	.22451	-.31768	.40687	.01645	-.08289	-.14118	-.14225
.399	16.028	-.10457	-.10345	-.14428	.20963	-.30661	.49005	.05194	-.05673	-.15237	-.15460
	GRADIENT	.01000	.00796	-.02932	-.01338	-.00691	.03501	.00751	.00323	.00608	.00406

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.600	-1.874	-.13314	-.12080	.38907	.45165	-.30703	-.10998	-.17676	-.21271	-.16722	-.18813
.600	.028	-.10901	-.10027	.33567	.42567	-.31972	-.04138	-.16142	-.20879	-.17193	-.17027
.601	2.030	-.08750	-.08239	.27500	.39818	-.33054	.03350	-.14437	-.19985	-.15590	-.15580
.601	4.126	-.07156	-.07014	.21138	.37131	-.34077	.10727	-.12599	-.19084	-.14479	-.14469
.602	6.079	-.06004	-.06213	.15324	.34607	-.34271	.17901	-.10287	-.17577	-.14219	-.14210
.602	8.055	-.05640	-.06054	.09461	.32225	-.34610	.24726	-.07863	-.16076	-.13030	-.13277
.601	10.054	-.05818	-.06233	.03713	.30047	-.34564	.31545	-.05004	-.14119	-.13023	-.13426
.601	12.077	-.06892	-.07307	-.02208	.27553	-.34276	.38267	-.01957	-.11685	-.13319	-.13773
.600	14.076	-.08306	-.08825	-.08409	.25343	-.33846	.44909	.01238	-.09033	-.14283	-.14789
.600	16.039	-.10327	-.10848	-.14302	.23343	-.33302	.51186	.04700	-.06355	-.15482	-.15832
	GRADIENT	.01027	.00847	-.02970	-.01342	-.00559	.03633	.00847	.00374	.00715	.00722

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.700	-2.035	-.13219	-.12186	.41093	.48292	-.32071	-.09778	-.19103	-.22199	-.20310	-.19592
.699	.139	-.10212	-.09555	.34824	.45384	-.32875	-.01302	-.17228	-.21679	-.18102	-.17554
.700	2.072	-.08034	-.07790	.29085	.42750	-.33275	.05000	-.15564	-.20912	-.16274	-.15810
.701	4.008	-.06448	-.06369	.23433	.40445	-.33243	.11130	-.13302	-.19835	-.14837	-.14375
.701	6.043	-.05349	-.05557	.17319	.38021	-.34899	.19058	-.10931	-.18341	-.14202	-.13740
.701	8.045	-.04728	-.05267	.11301	.35500	-.38930	.26187	-.08452	-.16728	-.13086	-.12995
.701	10.045	-.04879	-.05498	.05445	.33178	-.44735	.32976	-.05465	-.14593	-.12728	-.12678
.699	12.024	-.05873	-.06414	-.00908	.31207	-.50266	.39695	-.02612	-.12210	-.12941	-.12974
.699	14.070	-.07278	-.07902	-.06988	.29139	-.56181	.46692	.01201	-.09352	-.13394	-.13551
.698	16.050	-.09159	-.09744	-.13138	.27361	-.60010	.52987	.04561	-.06594	-.14539	-.14530
	GRADIENT	.01125	.00961	-.02927	-.01305	-.00197	.03473	.00949	.00390	.00911	.00868

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.800	-3.954	-.14228	-.12982	.50081	.55579	-.45854	-.12047	-.21665	-.23158	-.24113	-.23121
.800	-1.973	-.10854	-.10163	.44087	.53019	-.54990	-.04959	-.20402	-.22799	-.21152	-.20370
.800	-.059	-.08242	-.07862	.38300	.50556	-.61728	.01564	-.18783	-.22161	-.18773	-.18026
.800	1.946	-.05782	-.05715	.31928	.48095	-.68616	.08458	-.16991	-.21177	-.16219	-.15683
.800	3.976	-.04100	-.04206	.26252	.45629	-.73235	.15197	-.14175	-.20027	-.14036	-.13641
.799	6.001	-.02854	-.03273	.19837	.43340	-.76305	.22206	-.11752	-.18519	-.12905	-.12441
.800	7.989	-.02291	-.02848	.14076	.41262	-.77647	.29301	-.08530	-.16611	-.11389	-.10962
.800	9.976	-.02153	-.02884	.07859	.39090	-.78307	.36338	-.05504	-.14463	-.10560	-.10446
.800	12.010	-.03056	-.03822	.01461	.37062	-.78911	.43281	-.02022	-.11991	-.10279	-.10269
.800	14.004	-.04308	-.05248	-.04763	.35260	-.79933	.49407	.01434	-.09178	-.10386	-.10549
.800	15.992	-.06265	-.07102	-.10862	.33383	-.79194	.56354	.05396	-.06059	-.11097	-.11260
	GRADIENT	.01279	.01111	-.03024	-.01255	-.03455	.03433	.00931	.00399	.01268	.01195

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.850	-4.019	-.11931	-.10448	.52301	.58841	-.65778	-.08059	-.23994	-.21823	-.24100	-.23240
.849	-2.012	-.08557	-.07654	.46334	.56316	-.71459	-.00890	-.22193	-.21443	-.20522	-.19760
.850	-.045	-.05753	-.05204	.40283	.53869	-.76261	.05260	-.20043	-.20918	-.17373	-.16840
.850	1.982	-.03490	-.03264	.34024	.51318	-.80117	.11879	-.17528	-.20158	-.14472	-.14168
.850	3.930	-.01825	-.01761	.28383	.49061	-.82108	.18164	-.14497	-.19195	-.12134	-.11832
.850	5.964	-.00470	-.00827	.21832	.46799	-.81919	.25233	-.11659	-.17822	-.10562	-.10293
.850	7.991	.00013	-.00473	.15724	.44695	-.78941	.32346	-.08297	-.15959	-.08921	-.08718
.850	9.991	.00144	-.00433	.09692	.42845	-.77771	.39312	-.04722	-.13710	-.07845	-.07804
.850	12.013	-.00723	-.01467	.03220	.40662	-.77763	.45960	-.01214	-.11165	-.07538	-.07692
.849	14.018	-.02187	-.02968	-.02998	.38761	-.77243	.52654	.02897	-.07987	-.07527	-.07680
.850	16.010	-.04139	-.04854	-.09330	.37084	-.75298	.59296	.06891	-.04433	-.07994	-.08277
	GRADIENT	.01271	.01094	-.03024	-.01235	-.02078	.03279	.01189	.00329	.01507	.01428

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.899	-1.933	-.05036	-.03925	.49369	.59824	-1.01575	.01009	-.21940	-.24115	-.17147	-.16235
.900	-.054	-.02274	-.01674	.43862	.57815	-1.05352	.06726	-.19398	-.25129	-.13974	-.13334
.900	1.933	-.00050	.00401	.37697	.55548	-1.08951	.12878	-.16493	-.22414	-.10799	-.10370
.900	3.933	.01698	.01758	.31617	.53285	-1.10703	.19988	-.13147	-.19782	-.08220	-.07974
.900	5.933	.02961	.02811	.25360	.51113	-1.10598	.26754	-.09863	-.17102	-.06295	-.06050
.899	7.938	.03475	.03083	.19192	.49015	-1.05460	.34079	-.06383	-.14478	-.04862	-.04708
.900	9.976	.03533	.03052	.12767	.46980	-.98701	.40936	-.02730	-.11452	-.03743	-.03680
.900	11.997	.02721	.02029	.06540	.45105	-.95460	.47847	.01366	-.08109	-.02990	-.03077
.900	14.015	.01218	.00646	.00316	.43475	-.95325	.55481	.05702	-.04498	-.03079	-.03196
.900	15.994	-.00862	-.01435	-.06403	.41732	-.96352	.61108	.09597	-.00803	-.03509	-.03686
.900	18.001	-.03237	-.03600	-.12958	.40353	-.97556	.67455	.13902	.03023	-.04859	-.05036
	GRADIENT	.01143	.00975	-.03034	-.01118	-.01579	.03223	.01496	.00809	.01528	.01416

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.950	-3.991	-.03330	-.01830	.58427	.66814	-.90410	.00883	-.19561	-.30299	-.16543	-.14712
.950	-2.011	-.00329	.00508	.52576	.64372	-.95105	.07179	-.15806	-.28139	-.12622	-.11629
.950	.026	.02471	.02875	.46529	.61950	-.99115	.13667	-.14172	-.24997	-.09034	-.08189
.951	1.927	.04576	.04808	.40703	.59875	-1.02439	.19555	-.11717	-.21940	-.06007	-.05424
.950	3.960	.06077	.06194	.34505	.57605	-1.05513	.25475	-.09031	-.18740	-.03210	-.02889
.950	5.989	.07289	.07030	.28269	.55463	-1.07954	.31937	-.05822	-.15246	-.01278	-.00987
.950	7.985	.07670	.07064	.22085	.53351	-1.08326	.38612	-.02474	-.11162	-.00011	.00424
.949	9.968	.07499	.06922	.15881	.51294	-1.03264	.46230	.01257	-.07411	.01201	.01289
.950	12.032	.06600	.05937	.09375	.49388	-.92983	.52040	.05277	-.03767	.01750	.01722
.950	14.000	.05129	.04349	.02876	.47787	-.89640	.58387	.09040	.00015	.01778	.01606
.950	15.959	.02962	.02067	-.03624	.46046	-.89422	.65168	.13176	.03974	.01230	.00914
.950	18.010	.00210	-.00370	-.11007	.44564	-.90421	.71604	.16925	.07716	.00182	-.00106
	GRADIENT	.01196	.01026	-.03010	-.01155	-.01892	.03103	.01267	.01477	.01678	.01505

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OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.978	-1.951	.02689	.03695	.55046	.67032	-.83046	.09680	-.13910	-.25250	-.09857	-.07979
.979	.004	.05289	.0582[illegible]	.49203	.64664	-.86764	.14832	-.09524	-.22638	-.06316	-.05361
.980	1.929	.07181	.07602	.43197	.62453	-.89643	.20534	-.08412	-.19548	-.02896	-.02167
.980	3.952	.08651	.08653	.37248	.60150	-.91884	.27364	-.05490	-.16163	-.00072	.00403
.980	5.970	.09799	.09494	.31052	.58096	-.93704	.34189	-.02815	-.12772	.01906	.02324
.979	7.957	.10062	.09618	.24729	.56092	-.93944	.40810	.00282	-.09051	.03190	.03636
.977	9.994	.09771	.09298	.18224	.53929	-.91470	.47354	.03811	-.04815	.04144	.04255
.980	12.005	.08888	.08359	.11514	.52205	-.86679	.53859	.07302	-.00779	.04803	.04835
.977	13.977	.07160	.06435	.05176	.50312	-.82605	.59569	.11279	.02802	.04617	.04336
.978	16.022	.04842	.04116	-.02203	.48693	-.80872	.66095	.15175	.06829	.03947	.03639
.978	18.021	.02187	.01630	-.09316	.47243	-.79789	.72412	.19620	.10743	.02911	.02522
	GRADIENT	.01006	.00847	- 03025	-.01164	-.01496	.02994	.01343	.01546	.01668	.01443

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.050	-4.011	.07435	.08768	.66311	.75443	-.70888	.11464	-.11882	-.21689	-.04842	-.04038
1.050	-2.006	.10009	.10869	.60359	.73013	-.75117	.17591	-.09184	-.19113	-.01618	-.01024
1.050	-.055	.12200	.12557	.54501	.70649	-.78760	.23187	-.06102	-.16124	.00719	.02198
1.050	1.946	.13773	.13983	.48602	.68369	-.81995	.27935	-.03111	-.12994	.03737	.05007
1.050	3.967	.14984	.14987	.42433	.66192	-.85052	.34532	.01754	-.09674	.06400	.06958
1.050	5.950	.15734	.15501	.36404	.63971	-.87675	.40872	.04241	-.06434	.08639	.09225
1.050	8.010	.15754	.15253	.29969	.61898	-.89639	.47323	.07002	-.02953	.09921	.10388
1.050	9.931	.15247	.14747	.23777	.59903	-.90274	.53531	.09757	.00836	.10924	.11065
1.050	11.987	.13949	.13389	.17476	.57963	-.87603	.59644	.13139	.04952	.11252	.11186
1.050	14.029	.11833	.11126	.10742	.55927	-.79546	.65973	.16824	.09353	.11032	.10789
1.049	15.995	.09062	.08354	.04212	.54378	-.74620	.72040	.20661	.13266	.10243	.09941
1.050	17.990	.05684	.05419	-.03062	.52921	-.72957	.77978	.24513	.17181	.08961	.08543
	GRADIENT	.00947	.00781	-.02989	-.01163	-.01768	.02837	.01676	.01514	.01398	.01407

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIFNT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.101	-1.969	.15920	.17183	.64537	.77632	-.63556	.20103	-.02418	-.14860	05794	.06392
1.099	.055	.17872	.18767	.58387	.75122	-.67149	.26324	.00987	-.11451	.07561	.09193
1.099	2.012	.19420.	.20028	.52866	.72923	-.69740	.32359	.04319	-.08528	.10532	.12217
1.101	4.037	.20636	.20900	.46514	.70929	-.72412	.38410	.08463	-.04445	.12853	.13704
1.098	6.006	.21038	.21073	.40540	.68609	-.74977	.44717	.11041	-.01505	.14809	.15662
1.101	8.047	.21011	.20875	.34504	.66808	-.75808	.50952	.14223	.02763	.16080	.16925
1.098	10.017	.20408	.20188	.28043	.64538	-.76263	.56992	.16412	.05962	.17037	.17424
1.102	12.052	.18973	.18640	.20979	.62833	-.73819	.62924	.19052	.10700	.17243	.17461
1.099	14.010	.16455	.16205	.14220	.60745	-.69116	.69761	.22196	.14622	.16646	.16780
1.100	16.025	.13474	.13195	.06577	.59251	-.65042	.74668	.25771	.18625	.15785	.15806
1.100	18.045	.09736	.09823	.00700	.57701	-.62635	.80646	.29341	.22508	.14249	.14073
	GRADIENT	.00786	.00621	-.02983	-.01117	-.01460	.03051	.01801	.01711	.01208	.01249

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-3.934	.15020	.17089	.70665	.82548	-.55812	.18963	-.03297	-.10772	.05921	.07535
1.150	-1.988	.17228	.18566	.65108	.80315	-.58997	.24301	-.01188	-.08277	.08132	.09461
1.148	.000	.19284	.20329	.58399	.77915	-.62958	.29141	.00352	-.05695	.10478	.11202
1.150	1.998	.20576	.21447	.52629	.75716	-.65441	.33868	.03610	-.02964	.12382	.14133
1.150	4.013	.21127	.21827	.46209	.73386	-.67815	.39951	.06223	.00066	.14557	.16048
1.150	6.026	.21326	.21611	.39556	.71219	-.70721	.45655	.09099	.03220	.15707	.17575
1.149	8.010	.20857	.20833	.33662	.69331	-.72461	.51985	.12981	.06467	.16596	.18263
1.149	10.080	.19414	.19305	.27158	.66982	-.73919	.59319	.17626	.09921	.17230	.18864
1.150	12.022	.16763	.16738	.20776	.65102	-.73946	.64120	.20273	.13372	.17759	.19109
1.146	14.094	.11573	.12892	.14378	.63077	-.69737	.70274	.22676	.17938	.17900	.18727
1.147	16.036	.07690	.09396	.08335	.61423	-.62884	.76285	.24914	.21750	.17408	.18596
1.149	18.044	.04413	.06476	.03299	.59508	-.58982	.82223	.27503	.25432	.04747	.05746
	GRADIENT	.00782	.00621	-.03088	-.01153	-.01531	.02593	.01200	.01358	.01082	.01092

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.199	-1.874	.17599	.20355	.64282	.82547	-.52521	.23570	-.00342	-.04588	.10192	.11248
1.200	.013	.18712	.21215	.57995	.80185	-.55458	.28952	.01458	-.01961	.13390	.14305
1.199	2.024	.19833	.21824	.51716	.77889	-.58203	.34634	.03635	.00643	.15370	.16259
1.198	4.065	.20795	.22297	.45459	.75668	-.60758	.40853	.06143	.03364	.17198	.17489
1.200	5.985	.20152	.22006	.39199	.73378	-.62886	.46746	.08776	.06676	.16178	.18315
1.198	8.062	.18026	.20445	.33233	.71152	-.64949	.52746	.11560	.09897	.17911	.18931
1.198	10.072	.14978	.16965	.26622	.68877	-.66719	.58892	.11951	.13409	.18418	.19005
1.198	12.020	.13311	.15218	.19698	.66656	-.66919	.64760	.14659	.16633	.14990	.15580
1.201	13.911	.10926	.12721	.13206	.64182	-.65127	.70514	.17975	.19753	.07885	.08939
1.199	16.059	.07931	.10083	.09264	.61176	-.60143	.76827	.23054	.23443	.06379	.08034
1.200	18.069	.05449	.07648	.02979	.57976	-.55066	.83122	.28034	.26952	.04688	.06340
	GRADIENT	.00539	.00324	-.03163	-.01156	-.01383	.02902	.01092	.01334	.01157	.01039

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.301	-2.099	.16329	.17968	.64418	.85883	-.43080	.24794	-.04284	-.01039	.12054	.12135
1.299	-.054	.16378	.16870	.58330	.82869	-.45818	.31053	-.02756	.01946	.13968	.13303
1.300	1.992	.15418	.15680	.51459	.79975	-.48313	.37001	-.02151	.04978	.14668	.12746
1.301	3.918	.17032	.16466	.45381	.77443	-.50412	.42313	-.00718	.06203	.13712	.10793
1.299	6.013	.16995	.16399	.38595	.74066	-.52468	.48486	.01546	.08186	.07637	.06977
1.300	7.959	.17312	.15774	.31594	.70664	-.54155	.54326	.04319	.10518	.07084	.07081
1.301	9.958	.14918	.14637	.24521	.66780	-.55954	.60440	.08411	.12523	.08428	.07026
1.299	12.010	.14076	.13451	.20027	.62706	-.57336	.66434	.12259	.13223	.07408	.06919
1.299	14.013	.11502	.11994	.14487	.58271	-.57661	.72748	.16860	.15957	.06937	.06762
1.300	15.979	.09418	.10508	.09103	.53926	-.56318	.78766	.20838	.19303	.06381	.06407
1.298	18.014	.07928	.09046	.04580	.50008	-.53394	.85283	.25672	.23934	.05637	.06178
	GRADIENT	.00054	-.00287	-.03184	-.01404	-.01219	.02912	.00562	.01235	.00287	-.00223

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.401	-1.978	.15248	.18036	.62548	.88220	-.35923	.27020	-.04379	.01595	.10569	.11768
1.401	.046	.15249	.17813	.56474	.84358	-.38365	.31677	-.02523	.03463	.08289	.10296
1.399	1.976	.15269	.17510	.49463	.80530	-.40392	.36523	-.01129	.04637	.07213	.08985
1.398	3.877	.15547	.17738	.42784	.76287	-.42234	.42054	.00647	.05885	.07089	.08953
1.400	5.875	.14545	.17673	.36004	.71180	-.43842	.48573	.02772	.06440	.07380	.09381
1.399	7.959	.15397	.17070	.31441	.65706	-.45643	.55156	.06087	.08298	.07488	.09840
1.401	9.928	.14778	.17114	.25860	.60711	-.47400	.61351	.08021	.10953	.07320	.09588
1.399	11.970	.13906	.15000	.20878	.56188	-.48730	.67188	.12572	.14227	.06759	.08820
1.400	13.987	.12439	.13706	.15824	.51758	-.49669	.72685	.17452	.17093	.05725	.08445
1.401	15.964	.10508	.11805	.11226	.47589	-.50627	.79124	.20626	.21961	.05617	.08718
1.398	17.979	.09061	.10269	.06363	.44353	-.50100	.85596	.25368	.26323	.06533	.08394
	GRADIENT	.00047	-.00062	-.03399	-.02031	-.01076	.02560	.00845	.00721	-.00594	-.00502

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.550	-3.908	.11415	.13947	.66495	.91095	-.24796	.23094	-.08146	.00188	.03381	.06318
1.550	-1.938	.13313	.15568	.59760	.86173	-.27596	.28198	-.06935	.01009	.02340	.06331
1.549	.101	.12996	.16710	.53479	.80271	-.29499	.32831	-.04679	.00311	.02626	.07313
1.549	2.006	.13836	.16278	.47295	.73352	-.31325	.37541	-.03465	.01168	.05790	.08065
1.551	4.041	.15547	.16912	.42578	.66545	-.33134	.43057	-.00198	.03068	.05410	.09014
1.550	6.042	.13754	.16389	.37322	.60614	-.34848	.48745	.01612	.04878	.05256	.09529
1.550	8.071	.12725	.17237	.32294	.54858	-.36460	.54661	.04729	.08028	.07515	.10714
1.550	10.068	.12796	.17742	.28615	.49829	-.37740	.61172	.08340	.09123	.07312	.10251
1.550	12.078	.12281	.15989	.22737	.44347	-.38948	.67244	.12871	.13710	.06929	.10846
1.549	14.111	.11887	.14585	.17917	.39815	-.39869	.73283	.14955	.14999	.06747	.10734
1.550	16.076	.10044	.13249	.13631	.35235	-.40903	.80017	.19206	.18095	.06428	.10225
	GRADIENT	.00443	.00335	-.03038	-.03120	-.01028	.02483	.00977	.00298	.00376	.00359

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.199	-1.834	-.19486	-.09287	.33701	.38489	-.29906	-.14718	-.17341	-.21451	-.20779	-.15777
.201	.185	-.15754	-.05711	.28918	.36410	-.29647	-.06568	-.14923	-.19612	-.17882	-.13173
.201	2.159	-.14548	-.05327	.22992	.33299	-.31924	-.01465	-.13497	-.19921	-.17542	-.12602
.200	4.155	-.12254	-.03875	.18046	.31594	-.32023	.07088	-.11414	-.18280	-.16543	-.11165
.200	6.093	-.11655	-.04111	.11846	.28240	-.33000	.12712	-.10595	-.17701	-.16037	-.11425
.200	7.827	-.10920	-.03570	.05946	.26279	-.33625	.18927	-.08340	-.16767	-.16317	-.10691
.200	9.847	-.10048	-.04419	.00782	.24399	-.32792	.26352	-.04860	-.14605	-.16322	-.11118
.200	11.799	-.10878	-.05252	-.04166	.22470	-.32528	.32652	-.02008	-.12400	-.16931	-.11513
.200	13.699	-.12297	-.07103	-.11214	.19977	-.33305	.38613	-.01041	-.10354	-.18135	-.12931
.199	15.718	-.13642	-.09516	-.16033	.18753	-.31467	.45505	.03532	-.06907	-.19501	-.13625
	GRADIENT	.01149	.00835	-.02652	-.01193	-.00432	.03537	.00964	.00462	.00655	.00723

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.252	-2.013	-.17360	-.07556	.36157	.40857	-.28445	-.10971	-.15902	-.18433	-.18845	-.13930
.252	.002	-.15628	-.04998	.31039	.38297	-.29511	-.06280	-.14194	-.18220	-.17779	-.12652
.252	1.995	-.13044	-.03694	.25432	.35857	-.30685	.01194	-.12435	-.17515	-.16651	-.11115
.252	3.987	-.11407	-.02660	.19966	.33207	-.31251	.07586	-.11220	-.16748	-.16095	-.10111
.251	6.020	-.10474	-.02078	.14076	.30667	-.32006	.14292	-.08989	-.15433	-.16066	-.10243
.250	7.934	-.09397	-.01862	.08476	.28297	-.32005	.20754	-.06616	-.13925	-.15420	-.09168
.250	9.843	-.09453	-.02752	.01356	.26015	-.33016	.27742	-.04928	-.12485	-.16148	-.10086
.251	11.909	-.09813	-.04007	-.03578	.23969	-.32830	.33651	-.02510	-.10679	-.16475	-.10443
.251	13.898	-.11256	-.06117	-.08046	.21747	-.30752	.40392	.02024	-.07832	-.17248	-.11239
.252	15.921	-.12670	-.08409	-.13955	.19527	-.30789	.46609	.04385	-.05425	-.18418	-.12652
	GRADIENT	.01003	.00801	-.02710	-.01270	-.00480	.03158	.00791	.00288	.00469	.00650

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.400	-1.936	-.17793	-.07118	.36528	.41648	-.28240	-.11996	-.15613	-.19428	-.19408	-.14177
.401	.022	-.15223	-.05379	.31004	.39010	-.29706	-.05843	-.14320	-.19636	-.17763	-.12658
.401	2.016	-.13324	-.03945	.25476	.36490	-.31045	.01268	-.13347	-.18662	-.16906	-.11572
.401	4.002	-.11460	-.02784	.19664	.34136	-.31708	.08443	-.11364	-.17602	-.16195	-.10289
.402	5.965	-.10224	-.02252	.14046	.31622	-.31952	.15207	-.09201	-.16358	-.15879	-.10211
.400	7.900	-.09400	-.02080	.08148	.28841	-.32641	.21752	-.06857	-.14869	-.15550	-.09503
.399	9.957	-.09159	-.03441	.01581	.26221	-.32374	.28442	-.04969	-.13570	-.15455	-.09613
.399	11.830	-.09417	-.04281	-.02877	.24691	-.31957	.34625	-.01483	-.10942	-.15481	-.09870
.398	13.838	-.10918	-.06218	-.08801	.22600	-.31377	.40835	.01543	-.08807	-.16435	-.10786
.398	15.862	-.12608	-.08374	-.14257	.20836	-.30376	.47459	.04701	-.06019	-.18132	-.12257
	GRADIENT	.01055	.00729	-.02834	-.01265	-.00593	.03455	.00693	.00326	.00530	.00644

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.600	-1.926	-.18070	-.07438	.38515	.44672	-.30615	-.11571	-.17581	-.21385	-.21157	-.16089
.600	.080	-.15289	-.05479	.32688	.42204	-.32228	-.04292	-.16399	-.21032	-.19565	-.14497
.601	2.085	-.13040	-.03866	.27014	.39450	-.33351	.03095	-.14507	-.20009	-.18031	-.12870
.601	4.085	-.11411	-.02926	.21250	.36897	-.33990	.10092	-.12511	-.18981	-.17059	-.11499
.601	7.998	-.09415	-.02158	.09220	.31724	-.34844	.23848	-.07988	-.16064	-.16047	-.10225
.601	10.061	-.09022	-.02991	.03095	.29400	-.34699	.30486	-.05320	-.14443	-.15768	-.10143
.601	11.884	-.09696	-.04386	-.02114	.27295	-.34506	.36896	-.02585	-.12178	-.16290	-.10662
.601	13.886	-.11034	-.06293	-.08353	.25071	-.34292	.43647	.00617	-.09905	-.17420	-.11587
.600	15.897	-.12659	-.08323	-.14209	.23304	-.33530	.49872	.04133	-.06670	-.18538	-.12540
.596	17.853	-.14844	-.10959	-.19565	.21418	-.32947	.56395	.07829	-.03696	-.19969	-.14205
	GRADIENT	.01109	.00756	-.02868	-.01302	-.00561	.03612	.00853	.00411	.00690	.00768

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.698	-1.959	-.17816	-.06923	.40562	.47786	-.31862	-.10032	-.18756	-.22260	-.22404	-.16885
.700	.082	-.14776	-.04932	.34700	.45013	-.32654	-.02378	-.17026	-.21666	-.20286	-.14799
.700	2.041	-.12534	-.03171	.28766	.42601	-.33329	.04341	-.15488	-.20838	-.18796	-.13055
.701	4.095	-.10597	-.02084	.23009	.40174	-.33549	.11660	-.13292	-.19656	-.17580	-.11528
.701	6.090	-.09462	-.01514	.16857	.37751	-.34958	.18635	-.11097	-.18286	-.17073	-.10643
.702	7.969	-.08573	-.01135	.11154	.35290	-.39397	.25426	-.08259	-.16513	-.16003	-.09547
.702	10.040	-.08106	-.02032	.04865	.32951	-.45129	.32626	-.05161	-.14516	-.15609	-.09407
.700	11.880	-.08702	-.03297	-.01190	.31058	-.50103	.38907	-.02848	-.12382	-.15917	-.09804
.700	13.862	-.09845	-.04981	-.07082	.29173	-.55246	.45678	.00585	-.09685	-.16475	-.10326
.700	15.860	-.11691	-.07285	-.13175	.27219	-.59948	.52247	.04135	-.06833	-.17534	-.11306
.700	17.910	-.13867	-.09824	-.19441	.25451	-.63253	.58751	.07819	-.03546	-.18978	-.12778
	GRADIENT	.01188	.00809	-.02912	-.01255	-.00285	.03569	.00892	.00430	.00793	.00885

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.800	-3.939	-.19121	-.07356	.48858	.55189	-.46889	-.12046	-.21697	-.23017	-.26539	-.20032
.800	-2.045	-.15785	-.05092	.43203	.52762	-.55566	-.04885	-.20528	-.22516	-.23962	-.17435
.800	.000	-.12613	-.02710	.37232	.50244	-.62551	.02469	-.18628	-.21934	-.21258	-.14922
.799	1.978	-.10253	-.01181	.31646	.47896	-.67820	.09078	-.16405	-.20968	-.18798	-.12600
.800	3.989	-.08346	.00173	.25497	.45474	-.73132	.15341	-.14218	-.19760	-.17103	-.10557
.800	6.006	-.07011	.00906	.19527	.43124	-.75807	.22030	-.11447	-.18374	-.16173	-.09047
.800	7.947	-.05286	.01462	.13452	.40780	-.77583	.28644	-.08669	-.16577	-.14550	-.07665
.800	10.017	-.05515	.00630	.07263	.38737	-.78009	.36059	-.05564	-.14409	-.13391	-.07101
.800	11.941	-.06028	-.00548	.01291	.36833	-.78150	.42487	-.02186	-.12069	-.13308	-.06954
.800	13.904	-.07177	-.02250	-.04542	.34969	-.79114	.49235	.01427	-.09332	-.13522	-.07097
.800	15.895	-.08804	-.04504	-.10682	.33292	-.78914	.55778	.05215	-.06275	-.14211	-.07856
.798	17.981	-.11337	-.07365	-.17272	.31428	-.80448	.62647	.09282	-.02657	-.15481	-.09093
.798	18.963	-.12452	-.08593	-.20183	.30666	-.80289	.65014	.11533	-.00869	-.16307	-.09899
	GRADIENT	.01361	.00954	-.02932	-.01222	-.03254	.03457	.00961	.00406	.01209	.01196

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.849	-3.974	-.17028	-.05114	.50477	.58241	-.68240	-.08210	-.24499	-.22083	-.26981	-.13803
.850	-2.002	-.13250	-.02724	.45407	.55852	-.72733	-.01627	-.21916	-.21558	-.23188	-.16523
.851	-.034	-.10312	-.00473	.39417	.53675	-.77475	.05647	-.20030	-.20936	-.20080	-.13692
.851	1.965	-.07753	.01280	.33846	.51350	-.80930	.12449	-.16983	-.20118	-.16975	-.10965
.850	3.993	-.06040	.02443	.27544	.48963	-.83779	.18509	-.14618	-.19225	-.15003	-.08747
.850	5.964	-.04642	.03251	.21469	.46653	-.83732	.24933	-.11525	-.17879	-.13694	-.06993
.849	7.944	-.03874	.03739	.15469	.44382	-.80287	.31155	-.08266	-.16124	-.11902	-.05452
.849	10.033	-.03193	.02897	.09021	.42305	-.77560	.38671	-.04890	-.13822	-.10638	-.04610
.850	11.921	-.03709	.01729	.03154	.40404	-.76646	.44999	-.01482	-.11257	-.10341	-.04220
.850	13.923	-.04852	.00075	-.02974	.38770	-.76463	.51706	.02312	-.08292	-.10456	-.04261
.850	15.908	-.06538	-.02325	-.09070	.37083	-.74647	.58419	.06501	-.04855	-.10974	-.04844
.849	17.942	-.08924	-.04942	-.15535	.35462	-.74406	.64974	.10619	-.00958	-.12092	-.06032
	GRADIENT	.01379	.00960	-.02886	-.01159	-.01972	.03392	.01241	.00360	.01515	.01390

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.900	-3.941	-.13032	-.01548	.53672	.62188	-.91479	-.04475	-.24748	-.20565	-.23899	-.17306
.900	-2.084	-.09821	.00679	.48418	.59940	-.96229	.01866	-.21978	-.23282	-.20070	-.13577
.900	-.046	-.06785	.02993	.42365	.57462	-1.00369	.09150	-.19375	-.23854	-.16710	-.10548
.900	1.976	-.04406	.04577	.36346	.55181	-1.03305	.15848	-.16406	-.22075	-.13505	-.07744
.900	3.982	-.02523	.05707	.30494	.53005	-1.05172	.22599	-.13218	-.19964	-.11083	-.05501
.899	5.913	-.01469	.06420	.24313	.50657	-1.06035	.28200	-.10113	-.17527	-.09751	-.03328
.900	7.882	-.00452	.06868	.18308	.48579	-1.05844	.34296	-.06231	-.14638	-.07737	-.01576
.900	10.011	.00222	.06252	.12041	.46568	-1.01558	.41353	-.02498	-.11478	-.06415	-.00537
.900	11.896	-.00357	.05035	.06163	.44780	-.98291	.47823	.01041	-.08433	-.06081	-.00172
.900	13.993	-.01664	.03236	-.00417	.42887	-.98271	.54758	.05158	-.04893	-.06105	-.00018
.900	15.923	-.03372	.00861	-.06390	.41421	-.99493	.61100	.09249	-.01211	-.06536	-.00506
.900	17.912	-.05594	-.01697	-.12968	.39919	-1.01177	.67393	.13427	.02689	-.07570	-.01540
	GRADIENT	.01326	.00923	-.02936	-.01162	-.01728	.03423	.01438	.00128	.01616	.01477

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.950	-4.053	-.08376	.03164	.57561	.66608	-.86410	-.00213	-.19926	-.30167	-.19014	-.12369
.949	-1.984	-.04992	.05568	.51636	.64093	-.91138	.06639	-.16278	-.27710	-.14995	-.08653
.949	-.008	-.02103	.07481	.46001	.61943	-.94952	.13507	-.14060	-.24579	-.11305	-.05453
.951	2.023	.00221	.09019	.39889	.59635	-.97432	.20215	-.11339	-.21417	-.08197	-.02686
.950	3.944	.01866	.10031	.34299	.57511	-.98748	.26655	-.08798	-.18131	-.05718	-.00122
.950	6.031	.03193	.10670	.28169	.55408	-.98899	.32705	-.05423	-.14622	-.04223	.01804
.950	7.948	.03916	.10855	.21904	.53177	-.99001	.37466	-.02279	-.10774	-.02587	.03164
.951	9.957	.04375	.10498	.15554	.51293	-.99626	.44413	.01255	-.07090	-.01254	.04488
.950	11.951	.03712	.08787	.09480	.49225	-.96342	.51238	.05187	-.03842	-.00784	.04661
.949	13.889	.02414	.07131	.03079	.47600	-.92826	.57667	.08645	-.00249	-.01028	.04726
.950	15.961	.00389	.04668	-.03573	.45945	-.91194	.64103	.12752	.03627	-.01575	.04203
.950	17.916	-.01970	.01894	-.10165	.44573	-.90913	.70420	.17264	.07549	-.02689	.03019
	GRADIENT	.01286	.00861	-.02913	-.01133	-.01552	.03366	.01360	.01517	.01671	.01524

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.976	-2.013	-.01855	.07999	.54621	.66432	-.77952	.07691	-.13356	-.24940	-.11954	-.05608
.979	.038	.00930	.10278	.48467	.64138	-.82707	.14856	-.09631	-.22152	-.08439	-.02357
.979	1.975	.02883	.11489	.42974	.62121	-.85596	.21044	-.07821	-.19204	-.05021	.00574
.979	3.999	.04557	.12568	.37063	.60129	-.87742	.26973	-.05051	-.15875	-.02193	.03301
.981	6.014	.05859	.13074	.30556	.58055	-.88919	.32824	-.02807	-.12524	-.00794	.04937
.980	7.954	.06399	.13158	.24126	.55912	-.89576	.38770	.00171	-.09016	.00649	.05949
.980	9.914	.06600	.12503	.17951	.53837	-.89963	.45200	.03555	-.05089	.01708	.07099
.982	12.005	.06232	.11376	.11289	.52356	-.88638	.52250	.07328	-.00700	.02236	.07540
.980	13.912	.04788	.09415	.05208	.50627	-.85680	.58623	.11218	.02882	.02154	.07501
.980	15.939	.02546	.06778	-.02161	.48876	-.83331	.64831	.14582	.06527	.01426	.06912
.979	17.970	-.00110	.03946	-.08752	.47450	-.81271	.71098	.19518	.10410	.00199	.05788
	GRADIENT	.01061	.00748	-.02913	-.01048	-.01616	.03206	.01340	.01509	.01637	.01485

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.049	-4.003	.02525	.13233	.65537	.75079	-.69753	.08708	-.12021	-.21822	-.06611	-.01877
1.050	-1.958	.05397	.15292	.59439	.72757	-.73919	.15888	-.09077	-.18897	-.03812	.01666
1.050	-.003	.07677	.17010	.53807	.70413	-.77440	.22376	-.05990	-.16051	-.01562	.04742
1.050	2.027	.09625	.18090	.48042	.68270	-.80433	.28482	-.03255	-.12836	.01696	.07666
1.050	4.028	.10924	.18737	.42056	.66097	-.82727	.34277	.01042	-.09638	.03795	.09585
1.050	6.044	.11704	.19141	.36088	.64007	-.83475	.40358	.04334	-.06422	.05751	.11753
1.050	8.002	.12045	.19117	.29975	.61849	-.82970	.46103	.07027	-.03009	.07371	.12861
1.050	10.020	.11777	.18314	.23373	.59641	-.83089	.52625	.09691	.00839	.08375	.13863
1.050	11.946	.10931	.16440	.17123	.57762	-.83617	.58615	.12696	.04834	.08798	.13937
1.049	13.924	.09075	.14057	.10767	.55992	-.81737	.64852	.16361	.08958	.08391	.13685
1.050	15.950	.06317	.11000	.04066	.54284	-.77887	.71144	.20215	.13076	.07530	.12882
1.051	17.949	.03114	.07815	-.02798	.52971	-.74938	.77003	.24107	.16950	.06334	.11586
	GRADIENT	.01049	.00689	-.02911	-.01120	-.01619	.03179	.01594	.01518	.01313	.01443

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.098	-1.979	.11459	.21122	.63562	.76754	-.59984	.19679	-.02847	-.15053	.03077	.08423
1.101	.040	.13481	.22652	.57463	.74655	-.63282	.25795	.00610	-.11528	.05475	.11464
1.101	2.035	.14994	.23666	.51438	.72500	-.66274	.31714	.03755	-.07805	.08309	.14133
1.099	4.029	.16393	.24161	.46192	.70426	-.68317	.38053	.08134	-.04830	.10436	.16069
1.099	6.084	.17099	.24216	.39761	.68367	-.69388	.43774	.10623	-.01175	.12080	.17848
1.097	7.996	.17207	.23924	.33543	.66267	-.69517	.49391	.13484	.02314	.13408	.18804
1.098	10.037	.16843	.22997	.26870	.63912	-.70625	.55729	.15899	.06195	.14430	.19630
1.102	11.854	.15991	.21086	.20429	.62404	-.71055	.61618	.18642	.10510	.15024	.19677
1.098	13.940	.13826	.18511	.14138	.60467	-.70001	.67623	.21963	.14342	.14388	.19141
1.101	15.878	.10795	.15354	.06580	.58903	-.66996	.73569	.25310	.18582	.13393	.18078
1.100	17.905	.09296	.11505	.00359	.57480	-.63900	.79698	.29102	.22456	.11865	.16465
1.100	19.879	.01065	.02933	-.04115	.56473	-.61571	.85900	.32721	.26294	.12269	.12178
	GRADIENT	.00815	.00506	-.02904	-.01056	-.01399	.03049	.01802	.01718	.01244	.01279

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-3.944	.09282	.21753	.69764	.82196	-.55034	.16668	-.03389	-.10763	.03049	.07487
1.149	-1.937	.13015	.23154	.63928	.80047	-.58563	.23214	-.01211	-.08123	.05904	.12444
1.150	.036	.14990	.24455	.58066	.77846	-.61609	.29569	.00980	-.05383	.08235	.14223
1.150	2.026	.16600	.25356	.52036	.75534	-.64379	.35366	.03908	-.02653	.10458	.16556
1.150	4.020	.17080	.25431	.45521	.73300	-.67105	.40650	.06053	.00164	.12064	.18434
1.149	6.066	.17414	.25063	.39437	.71070	-.68089	.46028	.09700	.03578	.12640	.19988
1.150	7.932	.17120	.24253	.32936	.68828	-.68373	.51132	.13111	.06799	.15045	.20792
1.149	9.882	.16406	.22111	.27062	.66911	-.69161	.57174	.16824	.10065	.15591	.20996
1.149	11.917	.13878	.18990	.20751	.64967	-.68997	.63508	.20219	.13575	.16386	.20668
1.148	13.894	.09122	.14642	.14364	.63068	-.68221	.69500	.22141	.17402	.17281	.20024
1.150	15.889	.05310	.11317	.08524	.61339	-.65628	.75666	.23893	.21403	.08380	.19674
1.150	17.908	.02210	.08754	.03101	.59199	-.61206	.81724	.27309	.25379	.01292	.09245
	GRADIENT	.00965	.00481	-.03036	-.01121	-.01506	.03023	.01207	.01374	.01136	.01308

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.197	-1.990	.13654	.24740	.64130	.82376	-.51837	.22488	.00048	-.04812	.08411	.13181
1.199	.070	.14678	.25379	.57288	.79895	-.55100	.28477	.01677	-.01907	.10440	.15939
1.198	2.066	.15775	.25697	.51086	.77757	-.57835	.34450	.03690	.01025	.12891	.18583
1.198	4.019	.16348	.25375	.45117	.75513	-.60016	.39999	.06003	.03580	.14495	.20540
1.198	6.032	.15665	.24080	.38804	.73100	-.61730	.45944	.08100	.06681	.14202	.21689
1.201	7.929	.13108	.21594	.32398	.70919	-.62589	.51466	.10003	.10104	.15080	.22164
1.197	10.006	.12729	.18625	.25732	.68729	-.63637	.58172	.12063	.13114	.16496	.22536
1.197	11.894	.11053	.17034	.19094	.66548	-.62839	.63837	.15172	.16275	.11891	.21818
1.202	13.907	.08771	.14383	.12889	.64054	-.62068	.70159	.18410	.19046	.04598	.11497
1.199	15.883	.06646	.12079	.08030	.61346	-.60768	.76102	.23861	.23081	.03876	.10493
1.198	17.907	.03634	.09448	.01761	.58203	-.57867	.82142	.27889	.26563	.02331	.09546
	GRADIENT	.00459	.00112	-.03159	-.01135	-.01363	.02922	.00992	.01404	.01034	.01235

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	-1.965	.12666	.22451	.63358	.85544	-.42772	.25714	-.04240	-.00573	.08574	.14911
1.298	.020	.13341	.21257	.57060	.82844	-.45369	.30773	-.03228	.01947	.10196	.15498
1.299	1.979	.13455	.19903	.50504	.80163	-.48015	.36547	-.02957	.04581	.12420	.15074
1.299	4.006	.13543	.20131	.44457	.77334	-.49910	.42595	-.01021	.06507	.11886	.14015
1.301	6.040	.13206	.20329	.36816	.74228	-.52022	.48757	.01143	.09293	.05230	.10196
1.299	7.952	.11824	.20505	.29546	.70510	-.53911	.54735	.04097	.11571	.02891	.10641
1.299	9.998	.09420	.20464	.24537	.66488	-.54444	.60931	.08830	.12134	.02916	.13287
1.301	11.905	.08580	.17597	.20824	.61953	-.55100	.66367	.11253	.12790	.02915	.11231
1.301	13.902	.07479	.16213	.15352	.57848	-.54340	.72867	.15199	.15872	.03170	.11520
1.300	15.964	.06242	.14123	.09708	.53579	-.53423	.79060	.19958	.18967	.02489	.10615
1.299	17.930	.04115	.12333	.05170	.49739	-.52645	.84728	.25139	.23634	.01890	.09584
	GRADIENT	.00138	-.00417	-.03183	-.01374	-.01210	.02839	.00501	.01201	.00610	-.00157

OA232 AEDC 16T TF431 LA .2P/S RA .2A (QVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.399	-3.951	.09297	.23008	.67646	.91176	-.32706	.20251	-.05739	-.00242	.07082	.14828
1.399	-2.062	.09997	.22591	.61806	.87955	-.35361	.26208	-.04432	.01367	.07615	.15002
1.399	-.026	.10346	.22385	.55567	.84437	-.37869	.31286	-.03074	.02949	.05566	.13759
1.399	2.010	.10921	.22432	.48645	.80372	-.39771	.36239	-.00988	.04410	.03662	.11915
1.401	4.008	.11219	.22223	.41263	.75685	-.41825	.41596	.01165	.04919	.05002	.11839
1.400	6.040	.11203	.22026	.35281	.70629	-.43626	.48074	.04735	.06315	.04643	.12113
1.400	8.038	.12543	.13598	.31742	.65635	-.45085	.53974	.07134	.08477	.05148	.12160
1.400	10.115	.12491	.18476	.24422	.59917	-.46846	.61131	.09396	.10856	.06078	.11446
1.401	11.977	.11437	.17812	.19844	.55872	-.47988	.66299	.13174	.13049	.05897	.11742
1.399	13.972	.10435	.16323	.14568	.51805	-.48309	.72081	.16395	.15263	.05541	.11373
1.400	15.995	.08746	.15098	.10527	.47648	-.48005	.78254	.20863	.19926	.04781	.11264
1.399	18.010	.06626	.14276	.06310	.43804	-.48128	.84497	.25916	.25118	.04211	.10555
	GRADIENT	.00238	-.00086	-.03299	-.01930	-.01132	.02636	.00864	.00668	-.00408	-.00455

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.550	-3.884	.06716	.18896	.66033	.91174	-.25024	.22358	-.07950	-.00799	-.00354	.08801
1.550	-1.889	.07886	.19743	.59341	.85800	-.27387	.27578	-.06326	.00153	.00851	.10222
1.550	.100	.09438	.20722	.53626	.80048	-.29442	.32995	-.04039	.00185	.00977	.10632
1.550	2.143	.09793	.207[illegible]9	.46878	.72620	-.30829	.37366	-.02105	.01294	.02436	.13173
1.550	4.161	.09982	.23[illegible]3	.42020	.65538	-.33045	.42691	.00595	.02373	.02626	.13520
1.550	6.194	.09745	.21554	.36879	.59876	-.34911	.47711	.05321	.04809	.02181	.12771
1.550	8.107	.10624	.20275	.31485	.55306	-.36948	.53459	.08383	.07040	.04213	.11185
1.550	10.075	.10765	.17293	.27022	.48007	-.37759	.60012	.11353	.10293	.07532	.10470
1.549	11.895	.10185	.17015	.22416	.43548	-.38872	.65907	.16371	.13205	.06246	.12237
1.550	13.923	.08607	.14847	.17325	.38670	-.39859	.71952	.17309	.16337	.06516	.10940
1.549	15.882	.07503	.13016	.13461	.34790	-.40480	.79146	.19348	.20526	.05411	.11039
1.549	17.875	.06026	.12158	.08156	.31926	-.41485	.84887	.24328	.23405	.05072	.10240
	GRADIENT	.00419	.00486	-.03006	-.03204	-.00968	.02507	.01059	.00372	.00375	.00616

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (QVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.700	-1.945	-.12125	-.12336	.41402	.48392	-.31316	-.09365	-.18385	-.21834	-.19338	-.19861
.701	.002	-.09595	-.09723	.35709	.45782	-.32268	-.02383	-.16918	-.21355	-.17460	-.17860
.702	2.035	-.07687	-.07773	.29816	.43044	-.32634	.04499	-.15121	-.20500	-.15624	-.15902
.702	4.113	-.05958	-.06167	.23223	.40439	-.33411	.12690	-.13017	-.19427	-.14265	-.14502
.703	6.181	-.04997	-.05369	.16941	.37905	-.35890	.19948	-.10519	-.17864	-.13022	-.13936
	GRADIENT	.01008	.01011	-.02991	-.01316	-.00329	.03616	.00887	.00401	.00843	.00892

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.200	-1.708	-.15177	-.13670	.33474	.39181	-.31856	-.15395	-.19974	-.20815	-.18421	-.17539
.200	.137	-.12256	-.10973	.29632	.37227	-.31837	-.07524	-.16587	-.20224	-.16769	-.15679
.200	2.134	-.10465	-.09605	.23712	.34595	-.32999	-.01800	-.15474	-.20221	-.16093	-.15213
.200	4.213	-.09133	-.08707	.19530	.31226	-.32230	.06191	-.11743	-.19068	-.15172	-.14296
.200	6.138	-.08401	-.08192	.10985	.28902	-.35006	.13163	-.12952	-.17896	-.15513	-.14206
.201	8.137	-.07292	-.07084	.07180	.26785	-.32853	.20397	-.08373	-.15817	-.13677	-.13026
.201	10.165	-.07558	-.07350	.00758	.24831	-.34410	.26964	-.05866	-.14382	-.14159	-.13507
.202	12.171	-.08551	-.08980	-.05784	.22075	-.34747	.32429	-.04126	-.11936	-.14673	-.13815
.203	14.189	-.09983	-.10619	-.10161	.19977	-.32615	.40514	.00489	-.09778	-.15636	-.15413
.203	16.176	-.12074	-.12500	-.17248	.18419	-.33173	.47038	.02128	-.07900	-.17500	-.17067
	GRADIENT	.01003	.00817	-.02417	-.01344	-.00114	.03564	.01305	.00267	.00525	.00512

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.396	-1.917	-.13526	-.12230	.37169	.42235	-.28953	-.12935	-.16758	-.20059	-.17318	-.16591
.397	.032	-.10862	-.10044	.32029	.39652	-.29632	-.05670	-.14902	-.19132	-.15815	-.15210
.397	1.999	-.09377	-.08793	.25743	.36657	-.31572	.00774	-.13867	-.18709	-.14803	-.14199
.397	4.009	-.07605	-.07493	.19947	.34020	-.32135	.08314	-.11872	-.17988	-.13615	-.13248
.397	6.022	-.06614	-.06383	.14321	.31660	-.32643	.15292	-.10048	-.16630	-.14618	-.12957
.398	8.027	-.06304	-.06662	.08498	.28969	-.33233	.21446	-.07495	-.15128	-.13002	-.12520
.398	10.028	-.06407	-.06647	.02522	.26832	-.33190	.28832	-.04892	-.13459	-.12863	-.12733
.397	12.033	-.07236	-.07713	-.03215	.24803	-.32683	.35644	-.01943	-.11128	-.13593	-.13344
.397	14.026	-.08987	-.09466	-.09075	.22387	-.32463	.41617	.00799	-.08992	-.14409	-.14395
.397	16.049	-.10990	-.11234	-.14717	.20590	-.31262	.48169	.04566	-.05926	-.15700	-.15685
	GRADIENT	.00974	.00782	-.02935	-.01400	-.00581	.03555	.00794	.00336	.00614	.00559

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.598	-2.039	-.13836	-.13018	.39389	.45205	-.30372	-.09495	-.17391	-.21515	-.19321	-.18619
.600	.111	-.10885	-.10584	.32950	.42285	-.32511	-.01653	-.16487	-.21266	-.17431	-.16789
.600	2.039	-.08752	-.08811	.27355	.39598	-.33335	.03098	-.14601	-.20458	-.15804	-.15471
.600	3.993	-.07379	-.07489	.21322	.37130	-.34636	.09141	-.13236	-.19465	-.14701	-.14472
.600	6.000	-.06281	-.06753	.15601	.34820	-.35039	.16576	-.10757	-.18204	-.14511	-.13764
.601	8.000	-.05854	-.06375	.10076	.32234	-.34568	.23848	-.07465	-.16306	-.13359	-.13235
.600	10.064	-.05900	-.06682	.03408	.29853	-.34971	.30635	-.05499	-.14544	-.13341	-.13319
.599	12.040	-.06953	-.07737	-.02225	.27571	-.34629	.37637	-.02142	-.12089	-.13528	-.13764
.599	14.029	-.08289	-.09223	-.08210	.25374	-.33973	.44083	.01078	-.09485	-.14236	-.14627
.599	16.077	-.10265	-.11207	-.14419	.23319	-.33223	.50753	.04502	-.06591	-.15336	-.15829
	GRADIENT	.01077	.00919	-.02986	-.01344	-.00683	.03035	.00714	.00345	.00775	.00693

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.700	-2.042	-.12888	-.12277	.40732	.48263	-.32435	-.09006	-.19407	-.22234	-.20072	-.19518
.700	.148	-.09942	-.09659	.34857	.45092	-.32653	-.01396	-.16823	-.21551	-.17823	-.17807
.702	2.066	-.07804	-.07686	.29073	.42837	-.32943	.05196	-.15234	-.20688	-.16068	-.15766
.701	3.979	-.06168	-.06379	.23236	.40464	-.33443	.11670	-.13359	-.19647	-.14568	-.14431
.701	5.966	-.05104	-.05603	.17332	.38065	-.34670	.18647	-.11102	-.18304	-.14088	-.13581
.700	8.031	-.04687	-.05351	.11529	.35661	-.38239	.25937	-.08164	-.16604	-.13708	-.12831
.701	10.046	-.04811	-.05474	.05526	.33391	-.44006	.32982	-.05358	-.14501	-.12596	-.12666
.699	12.047	-.05767	-.06515	-.00435	.31088	-.49108	.39759	-.02101	-.12087	-.12821	-.13015
.698	14.050	-.07141	-.08143	-.07242	.28914	-.55111	.46137	.00656	-.09552	-.13320	-.13598
.696	16.054	-.09019	-.10107	-.12887	.27047	-.59012	.52939	.04737	-.06446	-.14292	-.14570
	GRADIENT	.01119	.00987	-.02913	-.01286	-.00165	.03434	.00990	.00430	.00916	.00865

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.798	-1.998	-.10655	-.10104	.43627	.52745	-.54250	-.05712	-.20471	-.22535	-.20815	-.20310
.800	.022	-.07816	-.07544	.37580	.50419	-.62304	.01530	-.18722	-.21792	-.18235	-.17768
.800	1.984	-.05665	-.05565	.31702	.47937	-.68243	.08310	-.16538	-.20864	-.15777	-.15415
.800	3.965	-.03858	-.04036	.25738	.45610	-.73290	.15124	-.14242	-.19718	-.13832	-.13680
.800	5.997	-.02710	-.03095	.19839	.43375	-.76086	.22246	-.11558	-.18252	-.12681	-.12218
.800	7.982	-.02190	-.02784	.13983	.41164	-.77989	.29451	-.08603	-.16415	-.11191	-.11111
.800	10.011	-.02191	-.02889	.07775	.39012	-.78520	.36303	-.05506	-.14331	-.10429	-.10453
.800	11.995	-.02950	-.03788	.01776	.37037	-.79217	.42913	-.01984	-.11884	-.10139	-.10303
.799	13.998	-.04315	-.05155	-.04403	.35245	-.80175	.49655	.01807	-.09051	-.10332	-.10530
.799	16.024	-.06317	-.07233	-.11009	.33367	-.79781	.56189	.05515	-.05900	-.11039	-.11308
	GRADIENT	.01136	.01017	-.02999	-.01203	-.03178	.03490	.01051	.00472	.01179	.01121

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.850	-1.977	-.08400	-.07661	.45834	.56264	-.71842	-.01021	-.22320	-.21321	-.20208	-.19705
.850	-.062	-.05743	-.05295	.39949	.53824	-.76126	.05258	-.19947	-.20764	-.17322	-.16822
.849	1.935	-.03518	-.03327	.34149	.51463	-.79923	.11516	-.17413	-.20049	-.14400	-.14128
.850	3.949	-.01632	-.01731	.27899	.49081	-.81981	.17937	-.14723	-.19104	-.11978	-.11838
.850	5.957	-.00468	-.00696	.21870	.46858	-.81477	.24928	-.11681	-.17781	-.10428	-.10095
.850	7.985	.00115	-.00468	.15893	.44733	-.78685	.32094	-.08[illegible]3	-.15927	-.08903	-.08765
.850	10.024	.00182	-.00596	.09632	.42739	-.77962	.39027	-.04935	-.13719	-.07830	-.07919
.850	11.988	-.00687	-.01432	.03539	.40692	-.77741	.45667	-.01241	-.11117	-.07366	-.07745
.849	14.000	-.02084	-.02863	-.02944	.38922	-.77377	.52251	.02865	-.08037	-.07482	-.07700
.850	16.025	-.04054	-.04902	-.09836	.37184	-.75758	.58913	.06440	-.04511	-.07883	-.08264
	GRADIENT	.01138	.00998	-.03014	-.01209	-.01727	.03192	.01281	.00373	.01396	.01329

OA232 AEDC 16T TF431 LA .2A RFN.IS (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.900	-1.980	-.04931	-.04050	.48439	.60041	-1.04837	.01408	-.22275	-.25449	-.17238	-.16401
.901	-.001	-.02238	-.01693	.42870	.57652	-1.08591	.07887	-.19415	-.25503	-.13969	-.13197
.900	1.973	-.00040	.00171	.36777	.55236	-1.12302	.14394	-.16562	-.22607	-.10922	-.10458
.900	3.975	.01775	.01622	.30936	.53012	-1.14460	.20613	-.13183	-.19996	-.08190	-.08151
.900	5.969	.03023	.02658	.24958	.50811	-1.13825	.28062	-.09817	-.17329	-.06447	-.06106
.900	7.987	.03449	.02932	.18865	.48784	-1.06738	.34792	-.06270	-.14600	-.04887	-.04729
.900	9.981	.03572	.02872	.12600	.46856	-.98185	.41526	-.02806	-.11612	-.03803	-.03767
.899	11.999	.02658	.01865	.06461	.44838	-.95618	.48106	.01254	-.08416	-.03318	-.03435
.900	13.996	.01346	.00430	.00071	.43148	-.96385	.54801	.05345	-.04846	-.03104	-.03283
.900	16.018	-.00840	-.01694	-.06416	.41562	-.97671	.61462	.09786	-.00933	-.03576	-.03785
.900	18.047	-.03310	-.04044	-.13500	.40041	-.99521	.67721	.13724	.02992	-.04617	-.04946
	GRADIENT	.01124	.00951	-.02954	-.01184	-.01642	.03232	.01519	.00971	.01521	.01385

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.949	-1.982	-.00102	.00475	.52126	.64395	-.94575	.06666	-.15892	-.28225	-.12536	-.11628
.948	-.011	.02299	.02705	.46432	.62030	-.98758	.12608	-.14373	-.25331	-.09250	-.08345
.950	1.936	.04520	.04723	.40664	.59887	-1.02014	.18717	-.11715	-.21975	-.05952	-.05398
.949	3.980	.06228	.06028	.34410	.57576	-1.05493	.25013	-.09074	-.18860	-.03219	-.02984
.950	5.987	.07267	.06865	.28177	.55395	-1.07720	.31767	-.06005	-.15387	-.01370	-.00992
.950	7.949	.07759	.07126	.22101	.53385	-1.08125	.38421	-.02593	-.11201	.00131	.00393
.949	10.002	.07616	.06954	.15878	.51374	-1.03408	.45223	.01170	-.07416	.01316	.01288
.947	12.001	.06559	.05773	.09583	.49343	-.93561	.51608	.04882	-.04103	.01548	.01519
.951	14.039	.05239	.04375	.02873	.47769	-.89433	.58358	.09141	.00077	.01866	.01693
.950	15.942	.03106	.01982	-.03797	.46089	-.89095	.64545	.13067	.03741	.01175	.00687
.952	18.019	.00449	-.00418	-.11606	.44738	-.89926	.71145	.16829	.07866	.00075	-.00096
	GRADIENT	.01069	.00941	-.02971	-.01140	-.01815	.03083	.01166	.01586	.01575	.01455

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (25 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 336.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = 1.000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.980	-2.081	.02714	.03470	.55679	.67300	-.87572	.08065	-.14274	-.25876	-.10017	-.08241
.980	.046	.05308	.05700	.49351	.64710	-.91732	.15613	-.09160	-.23157	-.06294	-.05057
.980	2.007	.07181	.07380	.43211	.62337	-.95477	.22248	-.08192	-.20024	-.02952	-.01579
.980	3.910	.08536	.08568	.37389	.60267	-.98343	.28654	-.05638	-.16830	-.00224	.00366
.979	5.939	.09728	.09342	.31369	.58218	-1.00863	.35493	-.02686	-.13387	.01709	.02296
.980	7.962	.10029	.09476	.24660	.56104	-1.02509	.41725	.00170	-.09631	.03161	.03633
.980	9.950	.09945	.09223	.18281	.54033	-1.00660	.46779	.03777	-.05274	.04165	.04413
.980	12.006	.08924	.08145	.11754	.52170	-.93019	.53021	.07617	-.01203	.04784	.04836
.980	13.993	.07292	.06373	.05052	.50359	-.85887	.59364	.11604	.02743	.04723	.04469
.980	16.016	.04974	.03971	-.02298	.48819	-.83900	.66063	.15571	.06651	.04220	.03855
.980	18.015	.02352	.01462	-.09959	.47383	-.83665	.72486	.19835	.10639	.03019	.02713
	GRADIENT	.00973	.00854	-.03060	-.01178	-.01811	.03432	.01356	.01516	.01643	.01472

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.050	-1.963	.10089	.10956	.60857	.73033	-.74927	.16570	-.08886	-.18995	-.01361	-.00794
1.049	-.011	.12229	.12532	.54834	.70558	-.78747	.22990	-.05767	-.16387	.00863	.02346
1.049	1.940	.13879	.14036	.49017	.68496	-.82028	.29389	-.02952	-.13325	.03891	.05195
1.050	3.965	.14995	.14974	.42720	.66142	-.84827	.35336	.01662	-.09924	.06442	.06970
1.049	5.981	.15696	.15408	.36543	.63991	-.87609	.42222	.04491	-.06814	.08381	.09233
1.050	7.988	.15759	.15323	.30261	.61944	-.89490	.46898	.06953	-.03206	.09910	.10374
1.050	10.014	.15303	.14719	.23849	.59966	-.90096	.53153	.09830	.00685	.11001	.11078
1.049	12.002	.13917	.13361	.17203	.58099	-.87506	.59181	.13163	.04870	.11333	.11291
1.049	13.994	.11786	.11168	.10163	.56108	-.79595	.65270	.16795	.09117	.10952	.10970
1.049	16.017	.09091	.08114	.02376	.54372	-.74200	.71481	.20706	.13196	.10336	.09910
1.050	17.994	.05853	.05172	-.06194	.53090	-.72665	.77556	.24525	.17066	.09061	.08370
	GRADIENT	.00828	.00686	-.03052	-.01152	-.01670	.03177	.01748	.01535	.01340	.01323

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.100	-1.895	.15986	.17098	.64434	.77436	-.65774	.21965	-.02416	-.14764	.05756	.06400
1.100	-.033	.17905	.18651	.58816	.75219	-.69209	.27929	.00953	-.11454	.07648	.09108
1.100	1.941	.19311	.19916	.52738	.72988	-.72404	.34082	.04262	-.08002	.10441	.12150
1.101	4.017	.20480	.20774	.46582	.70888	-.75297	.40320	.08357	-.04352	.12915	.13661
1.100	6.001	.21049	.21118	.40541	.68759	-.77770	.46318	.11016	-.00908	.14610	.15777
1.100	8.012	.20964	.20751	.34178	.66697	-.79859	.51232	.13729	.02818	.16162	.16819
1.100	10.034	.20402	.20160	.27735	.64757	-.80970	.56832	.16106	.06518	.17039	.17413
1.099	12.005	.18866	.18509	.21051	.62805	-.79375	.62876	.19175	.10536	.17194	.17343
1.100	13.998	.16600	.16214	.14085	.60890	-.73445	.68620	.22251	.14713	.16680	.16801
1.101	16.034	.13432	.12988	.06224	.59089	-.67517	.74641	.25664	.18831	.15827	.15724
1.100	18.066	.09998	.09579	-.00087	.57547	-.65114	.80473	.29288	.22669	.14121	.13992
	GRADIENT	.00753	.00622	-.03025	-.01109	-.01609	.03105	.01809	.01760	.01232	.01256

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-1.882	.17711	.18718	.64802	.80146	-.59382	.24096	-.01391	-.08144	.08326	.09727
1.151	.029	.19529	.20510	.58845	.77958	-.62381	.29902	.00907	-.05846	.10839	.11821
1.149	2.084	.20450	.21516	.52672	.75628	-.65489	.36112	.03544	-.02835	.12519	.14331
1.149	3.966	.21214	.21919	.46561	.73502	-.68050	.41802	.06040	-.00088	.14506	.16149
1.149	6.005	.21253	.21626	.40091	.71200	-.70426	.47836	.09225	.03043	.15105	.17823
1.150	8.013	.20797	.20782	.33637	.69161	-.72429	.52926	.12931	.06444	.16726	.18308
1.150	10.051	.19391	.19347	.27076	.67155	-.73882	.58198	.17395	.09850	.17200	.18837
1.150	12.043	.16586	.16624	.20357	.65257	-.73693	.64081	.20568	.13357	.17798	.19101
1.149	14.054	.11395	.12951	.13028	.63382	-.69638	.70095	.22851	.17404	.18111	.19001
1.149	16.042	.07720	.09524	.06629	.61510	-.62403	.76178	.25054	.21512	.16102	.16580
1.150	18.083	.04783	.06417	.01879	.59527	-.58012	.82294	.27861	.25453	.05003	.05745
	GRADIENT	.00583	.00542	-.03106	-.01136	-.01486	.03027	.01272	.01387	.01031	.01112

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.199	-1.899	.17641	.20264	.64135	.82454	-.53495	.24189	-.00341	-.04964	.10512	.11153
1.200	.031	.19169	.21270	.58329	.80485	-.56074	.29581	.01785	-.02013	.13009	.14782
1.201	1.923	.20198	.21780	.51792	.77948	-.58929	.34855	.03572	.00406	.15327	.16551
1.200	3.944	.20653	.22184	.45136	.75626	-.61504	.40585	.05504	.03005	.16825	.17103
1.201	5.950	.20142	.22084	.38793	.73343	-.63850	.46663	.08447	.06646	.15982	.18241
1.199	8.010	.19006	.20440	.32873	.71092	-.65839	.52698	.10916	.09898	.17456	.18821
1.199	10.011	.14997	.16910	.26518	.68921	-.67387	.58869	.11968	.13398	.18227	.18884
1.200	12.066	.13279	.15050	.18768	.66533	-.68032	.65164	.14409	.16647	.14305	.14721
1.200	14.048	.10673	.12468	.12652	.63982	-.66400	.71020	.18176	.19947	.07772	.08819
1.200	16.006	.08200	.09775	.08590	.60906	-.61180	.77064	.22956	.23366	.06439	.07730
1.200	18.059	.05462	.07330	.02677	.57925	-.55840	.83091	.27905	.26848	.04894	.06104
	GRADIENT	.00517	.00322	-.03272	-.01185	-.01384	.02805	.00995	.01355	.01093	.01007

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.219	-1.949	.17913	.19995	.63237	.83428	-.51374	.23461	-.01014	-.03436	.11435	.10950
1.220	.000	.19013	.20089	.56979	.80947	-.54121	.28828	.00346	-.01783	.13655	.14467
1.220	1.906	.19138	.21252	.51184	.78668	-.56570	.34584	.03072	.01294	.15050	.17012
1.219	3.926	.19909	.21339	.44649	.76205	-.58921	.40651	.04048	.04401	.16654	.18257
1.220	5.932	.18432	.19358	.38397	.73834	-.61029	.46842	.04369	.07051	.16157	.19435
1.220	7.974	.15792	.16921	.31831	.71334	-.63137	.53247	.05812	.09786	.16729	.20356
1.220	9.977	.14770	.15691	.24948	.68929	-.64653	.59142	.09311	.12657	.13149	.17009
1.219	12.006	.13094	.13984	.17497	.66336	-.65557	.65231	.13494	.15953	.07240	.09200
1.220	13.988	.10836	.11784	.14073	.63352	-.64317	.70995	.17482	.19055	.06567	.07589
1.220	16.019	.08313	.09438	.07974	.60052	-.59878	.77560	.22376	.22146	.05512	.06390
1.218	17.980	.06616	.07505	.02480	.56676	-.55263	.83732	.27829	.24994	.04695	.06195
	GRADIENT	.00313	.00224	-.03152	-.01226	-.01284	.02936	.00915	.01362	.00873	.01250

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.240	-2.006	.18512	.20577	.63222	.83951	-.49317	.23780	-.01372	-.01544	.09714	.10903
1.239	.029	.19367	.21251	.57197	.81496	-.51781	.29826	-.00188	.01890	.12408	.13445
1.240	1.967	.18741	.20894	.50569	.78817	-.54660	.35506	.00685	.03707	.14400	.15407
1.239	4.034	.17781	.19853	.44049	.76370	-.57107	.41744	.01681	.06187	.15216	.17137
1.240	5.980	.16253	.17439	.37934	.74057	-.58967	.47463	.03918	.09353	.14369	.17168
1.240	7.979	.15721	.16405	.31504	.71569	-.60727	.53486	.07494	.11886	.13431	.14996
1.240	10.012	.14437	.15821	.24123	.68857	-.62270	.59328	.10267	.14472	.07971	.09160
1.240	11.996	.12829	.14036	.17734	.65902	-.63529	.65448	.12875	.17516	.06890	.08080
1.240	14.012	.10783	.11667	.13563	.62406	-.63080	.71673	.16980	.21559	.06597	.07351
1.239	16.012	.08769	.09594	.08256	.58836	-.59863	.77718	.21856	.23386	.05665	.06595
1.240	18.026	.06543	.07747	.02824	.55229	-.55293	.84071	.26604	.25698	.04610	.05688
	GRADIENT	-.00141	-.00127	-.03198	-.01267	-.01308	.02971	.00500	.01248	.00921	.01030

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	-1.990	.16903	.17838	.63110	.85715	-.43869	.25297	-.04258	-.01212	.11982	.12899
1.299	.002	.17231	.17037	.56880	.82900	-.46473	.30438	-.02870	.01683	.14015	.13919
1.300	1.989	.16041	.15876	.50660	.80047	-.48867	.36483	-.02057	.04752	.15025	.13135
1.300	3.995	.17413	.16411	.44295	.77100	-.50881	.42354	-.00485	.06476	.13889	.11083
1.300	6.004	.16526	.16245	.37490	.73789	-.53074	.48325	.01278	.08500	.08006	.07424
1.300	8.026	.17102	.15432	.30081	.70307	-.54885	.54053	.04116	.11030	.07351	.07116
1.300	9.976	.14965	.14422	.24229	.66794	-.56606	.60087	.08290	.12104	.08337	.06973
1.300	12.011	.13992	.13247	.19727	.62505	-.57729	.66008	.12389	.13042	.07345	.06677
1.300	14.019	.11701	.11822	.14528	.58147	-.58335	.72443	.16890	.15631	.06908	.06558
1.299	15.969	.09559	.10314	.09195	.53977	-.57450	.78445	.20951	.19054	.06299	.06324
1.300	18.050	.08180	.08732	.04103	.49933	-.54253	.84822	.25741	.23375	.05782	.06299
	GRADIENT	.00017	-.00273	-.03143	-.01439	-.01175	.02869	.00609	.01310	.00337	-.00313

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.399	-1.985	.15316	.18046	.62141	.88525	-.36300	.26804	-.03968	.01654	.10102	.12012
1.400	.022	.15095	.17877	.56140	.84811	-.38527	.32112	-.02899	.03657	.07344	.10310
1.400	1.962	.15386	.17713	.48831	.80703	-.40608	.36504	-.01384	.04887	.06030	.08656
1.399	3.977	.15247	.17436	.41476	.76016	-.42916	.42295	.00419	.06014	.06471	.09046
1.400	5.952	.14811	.17400	.34969	.71114	-.44364	.48701	.03145	.07044	.06181	.09586
1.400	7.986	.14953	.17254	.31132	.65740	-.46302	.55113	.05873	.08563	.07098	.09614
1.400	9.965	.14490	.17221	.25463	.60936	-.47750	.61086	.07593	.10997	.06695	.09525
1.400	11.982	.13768	.15466	.20681	.56184	-.49073	.67045	.13183	.14402	.06321	.08635
1.400	13.992	.12797	.13978	.15627	.51784	-.50202	.72561	.16083	.17586	.05520	.08665
1.400	15.951	.10475	.11941	.10882	.47535	-.50906	.78876	.21243	.22797	.05262	.09122
1.400	17.977	.08927	.09876	.06053	.43859	-.50894	.85301	.25081	.25198	.06749	.08748
	GRADIENT	.00004	-.00101	-.03495	-.02100	-.01106	.02567	.00740	.00722	-.00615	-.00531

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.550	-1.859	.13170	.15957	.59422	.86093	-.27479	.27953	-.06833	.00695	.02558	.06407
1.550	.031	.12854	.16377	.53074	.80467	-.29586	.32809	-.04922	.00218	.02910	.07433
1.550	2.052	.14030	.16198	.46192	.73362	-.31457	.37697	-.03892	.00849	.05866	.07989
1.551	4.093	.15659	.16967	.41374	.66396	-.33211	.43347	-.00453	.02816	.05542	.09087
1.550	6.060	.13801	.16500	.36417	.60628	-.34772	.48760	.01485	.04588	.05251	.09645
1.550	8.088	.12713	.17150	.31648	.54779	-.36379	.54817	.04747	.07781	.07398	.10648
1.550	10.082	.12583	.17398	.28138	.49673	-.37822	.61125	.08261	.08855	.07302	.10172
1.550	12.062	.12157	.15903	.22305	.44177	-.39249	.67019	.12775	.13270	.06962	.10660
1.550	14.095	.11881	.14392	.17737	.39298	-.39915	.73031	.14658	.14675	.06745	.10667
1.549	16.084	.09957	.12978	.13260	.34518	-.41104	.79745	.19090	.18848	.06275	.10107
	GRADIENT	.00439	.00144	-.03067	-.03332	-.00958	.02570	.01016	.00356	.00599	.00432

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.201	-1.827	-.20389	-.09739	.34092	.38647	-.30410	-.16342	-.18074	-.21889	-.21024	-.15896
.201	.217	-.16815	-.07019	.28083	.37094	-.32160	-.07014	-.17270	-.20445	-.18941	-.14880
.203	2.133	-.13910	-.05098	.22359	.34581	-.33436	-.00685	-.15826	-.18955	-.17474	-.11796
.204	4.121	-.12356	-.04475	.22870	.31842	-.27923	.06942	-.07391	-.18381	-.16710	-.10683
.203	6.092	-.12084	-.04557	.09655	.28291	-.36774	.13021	-.12315	-.17739	-.17519	-.11234
.204	7.842	-.10662	-.03392	.06991	.26741	-.33107	.19263	-.08600	-.16070	-.16891	-.10025
.200	9.797	-.10616	-.05243	-.00283	.24232	-.34928	.27891	-.06973	-.14494	-.15990	-.10818
.200	11.702	-.11597	-.06855	-.05966	.21852	-.34693	.31999	-.04485	-.13545	-.17851	-.12445
.201	13.722	-.13444	-.09380	-.11484	.18901	-.33797	.38612	-.01453	-.11092	-.19223	-.13857
.201	15.703	-.14338	-.10928	-.15788	.17704	-.32926	.45692	.02751	-.06651	-.20100	-.14108
	GRADIENT	.01367	.00897	-.01995	-.01159	.00311	.03858	.01692	.00608	.00730	.00945

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.397	-1.949	-.17869	-.07742	.36130	.41630	-.28830	-.12569	-.16602	-.19644	-.19395	-.14317
.398	.036	-.15476	-.05952	.30689	.38873	-.30537	-.06066	-.15621	-.19601	-.18177	-.12872
.398	2.027	-.13354	-.04558	.25203	.36522	-.31313	.00963	-.13613	-.18759	-.16987	-.11461
.398	4.034	-.11581	-.03498	.19202	.34007	-.32445	.07756	-.11954	-.18268	-.16264	-.10395
.398	6.021	-.10550	-.02818	.13688	.31413	-.33177	.14887	-.09749	-.16770	-.16407	-.10068
.399	7.888	-.09593	-.02341	.08066	.28789	-.33118	.21185	-.07386	-.15099	-.15323	-.09580
.399	9.869	-.09312	-.03346	.02161	.26620	-.33309	.27325	-.05110	-.13648	-.15862	-.09650
.399	11.864	-.09740	-.05063	-.03053	.24555	-.32686	.34507	-.02023	-.11150	-.16174	-.10078
.399	13.871	-.11563	-.06999	-.08955	.22184	-.32658	.40936	.00854	-.09106	-.17300	-.11079
.399	15.864	-.13099	-.09244	-.14577	.20372	-.31828	.47411	.03989	-.06314	-.18712	-.12498
.398	17.907	-.15109	-.11477	-.19983	.18588	-.30963	.53817	.07558	-.03135	-.20152	-.14269
	GRADIENT	.01052	.00708	-.02822	-.01265	-.00583	.03410	.00800	.00249	.00531	.00661

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.600	-1.921	-.18310	-.07613	.37554	.44647	-.30934	-.08496	-.17773	-.21579	-.21353	-.16158
.600	.057	-.15502	-.05796	.32005	.41969	-.32299	-.04764	-.16565	-.21040	-.19420	-.14388
.601	2.070	-.13148	-.04284	.26190	.39368	-.33421	.01649	-.14619	-.20326	-.18195	-.12864
.600	4.093	-.11289	-.02961	.20133	.37017	-.34431	.08744	-.13022	-.19735	-.17182	-.11524
.602	6.111	-.10120	-.02436	.15337	.34272	-.34119	.15792	-.09985	-.17765	-.16975	-.10665
.601	8.014	-.09671	-.02211	.08948	.31940	-.34903	.22054	-.08402	-.16526	-.16203	-.10113
.601	10.027	-.09146	-.03366	.03042	.29397	-.35079	.29455	-.05595	-.14473	-.15905	-.10157
.601	11.881	-.09681	-.04533	-.02557	.27431	-.34522	.35842	-.02682	-.12263	-.16372	-.10534
.600	13.852	-.10975	-.06480	-.08619	.25102	-.34576	.42658	.00455	-.09894	-.17281	-.11469
.599	15.888	-.12640	-.08765	-.14255	.23095	-.33563	.49371	.04188	-.07053	-.18586	-.12614
.600	17.886	-.14562	-.11215	-.19929	.21394	-.32748	.56030	.07962	-.03513	-.19925	-.13966
	GRADIENT	.01167	.00771	-.02896	-.01271	-.00579	.02900	.00808	.00311	.00684	.00769

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.697	-1.908	-.17437	-.06981	.39800	.47695	-.32052	-.10464	-.18671	-.22136	-.22163	-.16711
.700	.005	-.14690	-.04869	.33864	.45127	-.33354	-.02802	-.17609	-.21716	-.20465	-.14838
.701	2.105	-.12108	-.03250	.28015	.42584	-.33585	.04420	-.15555	-.20771	-.18492	-.12916
.701	4.058	-.10473	-.02225	.22152	.39980	-.33826	.11392	-.13507	-.19679	-.17440	-.11490
.702	6.096	-.09453	-.01488	.16481	.37858	-.34971	.18498	-.11042	-.18254	-.17128	-.10431
.700	7.970	-.08616	-.01330	.10001	.35112	-.38890	.24721	-.09047	-.16738	-.15982	-.09680
.699	10.039	-.08091	-.02062	.04258	.32767	-.43534	.32192	-.05542	-.14500	-.15565	-.09360
.699	11.895	-.08684	-.03269	-.01683	.30820	-.48897	.38518	-.02901	-.12495	-.15836	-.09582
.699	13.859	-.09772	-.05014	-.07965	.28860	-.54164	.45137	.00038	-.09859	-.16516	-.10090
.698	15.880	-.11605	-.07508	-.13348	.26899	-.58365	.51773	.04064	-.06803	-.17569	-.11094
.699	17.891	-.13729	-.10087	-.19356	.25332	-.62666	.58552	.07716	-.03655	-.18949	-.12470
	GRADIENT	.01174	.00794	-.02939	-.01284	-.00276	.03639	.00878	.00416	.00808	.00879

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.799	-2.004	-.15527	-.04746	.42984	.52620	-.55521	-.06373	-.20242	-.22611	-.23706	-.17207
.799	-.017	-.12515	-.02666	.36871	.50034	-.62305	.01257	-.18791	-.21890	-.21079	-.14753
.800	2.012	-.10075	-.00973	.30891	.47604	-.68630	.08307	-.16670	-.20889	-.18548	-.12423
.800	3.963	-.08381	.00207	.25226	.45382	-.73143	.14607	-.14283	-.19761	-.16932	-.10594
.800	6.025	-.06815	.00938	.19293	.43257	-.75951	.21701	-.11460	-.18227	-.16025	-.08959
.800	7.926	-.05979	.01286	.13047	.40816	-.77537	.28129	-.08881	-.16624	-.14250	-.07812
.800	9.993	-.05624	.00870	.06695	.38657	-.78217	.34840	-.05705	-.14520	-.13504	-.06899
.800	11.885	-.05977	-.00522	.00805	.36844	-.78282	.41714	-.02718	-.12308	-.13203	-.06941
.800	13.917	-.07128	-.02193	-.05335	.34982	-.78804	.48722	.01146	-.09323	-.13557	-.07084
.800	15.945	-.08890	-.04656	-.11427	.33176	-.79554	.55379	.05043	-.06218	-.14167	-.07768
.800	17.930	-.10982	-.07268	-.17294	.31700	-.79323	.61806	.09082	-.02642	-.15323	-.08816
	GRADIENT	.01199	.00831	-.02973	-.01211	-.02971	.03512	.01003	.00479	.01147	.01113

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.849	-1.913	-.12892	-.02962	.44562	.55730	-.73402	-.02313	-.22343	-.21506	-.22851	-.16690
.849	.022	-.10153	-.00513	.39067	.53505	-.77649	.04942	-.19923	-.20905	-.20016	-.13675
.850	1.976	-.07867	.01177	.33293	.51199	-.81595	.11812	-.17427	-.20161	-.17102	-.10998
.850	4.042	-.05988	.02312	.27345	.48836	-.83677	.18200	-.14571	-.19158	-.14867	-.08797
.850	6.043	-.04555	.03317	.21153	.46693	-.83963	.24311	-.11508	-.17876	-.13654	-.06878
.850	7.988	-.03772	.03738	.14906	.44520	-.80752	.30670	-.08579	-.16176	-.11861	-.05577
.850	10.078	-.03155	.02896	.08414	.42367	-.77318	.38100	-.04977	-.13837	-.10625	-.04603
.850	11.928	-.03631	.01764	.02701	.40630	-.75975	.44576	-.01634	-.11292	-.10283	-.04302
.849	13.950	-.04837	-.00017	-.03818	.38779	-.75574	.51273	.02184	-.08302	-.10431	-.04215
.850	15.933	-.06547	-.02249	-.09977	.37139	-.75949	.57873	.06199	-.04868	-.11136	-.04794
.850	17.980	-.08811	-.05031	-.16171	.35494	-.74825	.64542	.10572	-.00986	-.12139	-.05989
	GRADIENT	.01159	.00881	-.02898	-.01160	-.01750	.03449	.01303	.00394	.01354	.01328

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.901	-1.991	-.09592	.00767	.47185	.59574	-.95801	.00432	-.21937	-.23464	-.19794	-.13446
.899	-.038	-.06653	.03025	.41581	.57430	-.99599	.07452	-.19324	-.23850	-.16571	-.10426
.899	1.974	-.04334	.04583	.35677	.55087	-1.02697	.14752	-.16483	-.22113	-.13369	-.07591
.900	3.952	-.02650	.05741	.29742	.52872	-1.04463	.21177	-.13289	-.20077	-.10884	-.05114
.900	5.989	-.01126	.06625	.23533	.50737	-1.05566	.27584	-.09747	-.17302	-.09422	-.02982
.900	7.876	-.00365	.06905	.17523	.48615	-1.05020	.33595	-.06363	-.14723	-.07692	-.01644
.900	10.025	.00219	.06166	.11021	.46530	-1.01743	.40802	-.02593	-.11523	-.06303	-.00540
.900	11.900	-.00207	.05066	.05210	.44825	-.98234	.47055	.00827	-.08589	-.05994	.00131
.900	13.924	-.01421	.03358	-.01047	.43076	-.97395	.53856	.05066	-.05045	-.05954	.00012
.899	15.891	-.03188	.00831	-.07427	.41484	-.98481	.60431	.09155	-.01301	-.06596	-.00596
.899	17.929	-.05643	-.01891	-.14118	.39833	-1.00207	.66789	.13204	.02598	-.07686	-.01702
	GRADIENT	.01166	.00830	-.02935	-.01132	-.01466	.03505	.01451	.00601	.01509	.01403

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.950	-1.972	-.04807	.05678	.51302	.64128	-.90242	.06052	-.16183	-.27776	-.14853	-.08550
.950	.045	-.02038	.07534	.45384	.61795	-.94358	.12794	-.14175	-.24626	-.11402	-.05413
.950	1.988	.00161	.09028	.39566	.59607	-.96828	.19362	-.11581	-.21529	-.08180	-.02577
.950	4.016	.02010	.10038	.33654	.57398	-.98388	.26026	-.08773	-.18115	-.05493	-.00066
.950	6.057	.03251	.10615	.27405	.55231	-.98961	.32203	-.05708	-.14649	-.04338	.01837
.950	7.981	.03829	.10736	.21139	.53066	-.99304	.37274	-.02502	-.10845	-.02523	.03135
.951	10.031	.04230	.10434	.14695	.51114	-.99728	.44198	.01143	-.07192	-.01334	.04545
.950	11.930	.03942	.08935	.08742	.49450	-.96976	.50724	.04724	-.03933	-.00672	.04718
.949	14.018	.02357	.07036	.01724	.47531	-.92591	.57611	.08774	-.00155	-.01077	.04751
.950	15.938	.00391	.04554	-.04793	.45903	-.91018	.63739	.12485	.03513	-.01630	.04175
.950	17.931	-.01887	.01692	-.11290	.44577	-.90871	.70154	.16893	.07494	-.02607	.03048
	GRADIENT	.01138	.00732	-.02952	-.01124	-.01352	.03340	.01247	.01612	.01572	.01421

OA232 AEDC 16T TF431 LA .2A RFN.:S (QVR015) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.980	-2.030	-.02064	.08277	.53711	.66646	-.85249	.08138	-.14046	-.25347	-.12004	-.05347
.980	.010	.00701	.10266	.47634	.64390	-.88934	.15192	-.09940	-.22874	-.08715	-.02394
.980	1.987	.03077	.11636	.42082	.62204	-.92031	.22073	-.08092	-.19601	-.05054	.00648
.980	4.017	.04669	.12499	.36466	.60142	-.93898	.28582	-.05401	-.16210	-.02454	.03048
.979	6.008	.05681	.13076	.30322	.57963	-.94213	.34756	-.02806	-.12935	-.01314	.04893
.979	7.948	.06354	.13136	.23994	.55772	-.94280	.40009	.00248	-.09272	.00616	.05928
.981	9.975	.06655	.12702	.17523	.53859	-.94919	.45979	.03862	-.04924	.01846	.07402
.979	11.942	.05951	.11090	.11230	.52016	-.93917	.52306	.07493	-.01137	.02185	.07588
.980	13.938	.04523	.09201	.04739	.50376	-.89504	.58657	.11186	.02575	.02075	.07547
.979	15.929	.02492	.06476	-.02230	.48710	-.86087	.65188	.15068	.06308	.01351	.06828
.981	17.964	-.00047	.03606	-.09830	.47205	-.85228	.71573	.19186	.10383	.00177	.05690
.980	18.933	-.01280	.01847	-.13806	.46556	-.85324	.74571	.21313	.12296	-.00525	.04915
	GRADIENT	.01122	.00698	-.02848	-.01079	-.01444	.03391	.01382	.01525	.01606	.01403

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.051	-1.981	.05496	.15255	.59252	.72696	-.73774	.16299	-.09088	-.19039	-.03629	.01869
1.049	.002	.07676	.16976	.53527	.70432	-.77326	.22851	-.06004	-.16273	-.01554	.04813
1.050	2.007	.09662	.18268	.47830	.68389	-.80270	.28959	-.03225	-.12979	.01780	.07868
1.049	4.009	.10705	.18718	.42170	.66107	-.82570	.34055	.01334	-.10004	.03922	.09652
1.051	6.077	.11846	.19191	.35962	.64145	-.83216	.40087	.04040	-.06210	.05313	.11682
1.050	7.994	.11988	.19000	.29690	.61895	-.83021	.45697	.06892	-.03144	.07477	.12741
1.050	9.971	.11805	.18102	.23199	.59671	-.83305	.51819	.09593	.00567	.08541	.13861
1.050	11.999	.10914	.16348	.16482	.57763	-.83472	.58340	.12887	.04926	.08866	.13859
1.049	13.935	.09027	.14023	.09840	.56063	-.81935	.64366	.16323	.08941	.08520	.13758
1.049	15.931	.06478	.10942	.02405	.54335	-.77623	.70529	.20118	.12962	.07635	.12880
1.049	17.964	.03179	.07437	-.05965	.52931	-.74614	.76707	.24100	.16932	.06272	.11435
1.050	18.963	.02256	.05619	-.07624	.52344	-.73749	.79533	.26235	.18829	.05378	.10600
	GRADIENT	.00882	.00585	-.02851	-.01092	-.01468	.02972	.01705	.01522	.01301	.01322

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.100	-2.011	.11616	.21301	.63128	.77172	-.64338	.21503	-.02547	-.14955	.03410	.08757
1.100	.036	.13759	.22853	.57248	.74971	-.68089	.27966	.00955	-.11231	.05524	.11629
1.099	1.984	.15364	.23826	.51745	.72651	-.70880	.33671	.03896	-.07864	.08355	.14524
1.099	4.064	.16569	.24335	.45798	.70675	-.73238	.39006	.08119	-.04453	.10682	.16065
1.101	6.016	.17203	.24523	.39735	.68697	-.73962	.44197	.10675	-.00722	.12103	.17998
1.099	7.998	.17449	.24210	.33474	.66534	-.73906	.49581	.13668	.02765	.13873	.19037
1.101	9.959	.17171	.23215	.26652	.64375	-.74284	.55974	.16145	.06784	.14930	.20001
1.100	11.929	.16167	.21157	.20703	.62528	-.74994	.61778	.18851	.10402	.15032	.19786
1.100	13.880	.14014	.18594	.13619	.60699	-.74020	.68389	.22082	.14725	.14546	.19428
1.101	15.863	.10792	.15310	.05907	.59048	-.70697	.73841	.25285	.18690	.13465	.18346
1.100	17.929	.07386	.11029	.00031	.57447	-.67131	.79982	.29084	.22538	.11782	.16414
	GRADIENT	.00816	.00499	-.02850	-.01081	-.01462	.02885	.01733	.01729	.01221	.01229

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.149	-1.946	.12826	.23178	.63755	.79988	-.58444	.23874	-.01137	-.08130	.06136	.12449
1.151	.041	.15102	.24475	.57451	.77678	-.61600	.30006	.00911	-.05578	.08281	.14336
1.149	2.010	.16633	.25378	.51844	.75495	-.64406	.35447	.03762	-.02624	.10525	.16719
1.150	4.046	.17207	.25536	.45437	.73264	-.66821	.40993	.06333	.00167	.12150	.18616
1.150	6.022	.17433	.25128	.39111	.71044	-.68139	.46092	.09460	.03455	.12650	.20082
1.149	7.940	.17071	.24253	.32576	.68861	-.68199	.51233	.13242	.06724	.15130	.20748
1.151	9.996	.16316	.21806	.25994	.66921	-.69527	.57661	.16976	.10235	.15841	.20821
1.150	11.910	.13780	.18965	.19825	.65020	-.69122	.63317	.20090	.13536	.16404	.20723
1.150	13.852	.09212	.14866	.12839	.63189	-.68207	.69379	.22223	.17244	.17177	.20141
1.149	15.884	.05479	.11272	.06686	.61280	-.65331	.75564	.24174	.21407	.08910	.19929
1.150	17.883	.02460	.08722	.01519	.59316	-.61019	.81556	.27336	.25369	.01518	.09287
	GRADIENT	.00735	.00399	-.03036	-.01121	-.01400	.02847	.01267	.01396	.01017	.01047

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.200	-2.026	.13349	.24685	.63114	.82328	-.52610	.22982	-.00358	-.04772	.08012	.13222
1.200	.095	.15549	.25590	.56895	.80029	-.55773	.29662	.01840	-.01602	.10399	.16257
1.200	1.941	.16140	.25689	.50851	.77754	-.58356	.35237	.03602	.00701	.12642	.18577
1.201	4.006	.16635	.25296	.44499	.75519	-.60751	.41142	.05828	.03275	.14300	.20426
1.200	6.036	.15810	.24044	.38237	.73122	-.62493	.46964	.08224	.06616	.14449	.21663
1.199	7.909	.15018	.22096	.32062	.70900	-.63602	.51852	.10167	.09669	.15258	.22158
1.201	9.941	.12213	.18553	.25276	.68702	-.64049	.57951	.11549	.13168	.15712	.22555
1.199	11.883	.11134	.16959	.18133	.66425	-.63588	.64291	.14958	.16385	.10587	.20994
1.199	13.868	.08595	.14463	.12720	.63866	-.62816	.70206	.18902	.19616	.04986	.11753
1.199	15.898	.06714	.11810	.07512	.61111	-.61573	.76406	.23748	.23020	.03898	.10246
1.200	17.950	.04058	.09525	.01733	.58013	-.58392	82329	.28029	.26458	.02354	.09048
	GRADIENT	.00527	.00098	-.03102	-.01138	-.01355	.03012	.01019	.01327	.01058	.01200

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.299	-1.986	.12365	.22712	.62389	.85429	-.43614	.25330	-.04531	-.01521	.08554	.15470
1.300	-.006	.13533	.21472	.56099	.82698	-.46210	.30460	-.03341	.01828	.10792	.15653
1.300	2.003	.13690	.19978	.49710	.80033	-.48638	.36522	-.02780	.04721	.12761	.15267
1.300	4.023	.13704	.20203	.43382	.77231	-.50843	.42242	-.01219	.06058	.12108	.14271
1.301	6.014	.13366	.20145	.36248	.73963	-.52645	.47850	.01015	.08915	.05556	.10610
1.301	7.960	.12373	.20358	.29180	.70364	-.54379	.53871	.04257	.11105	.03098	.10804
1.300	9.956	.09425	.20152	.24679	.66302	-.55576	.60243	.08539	.11941	.02925	.13371
1.300	11.944	.08350	.17383	.20801	.61744	-.55556	.66051	.11568	.12827	.02693	.11169
1.299	13.928	.07312	.16383	.14785	.57732	-.55119	.72516	.15297	.16004	.03070	.11286
1.300	15.933	.06163	.14061	.09497	.53536	-.54280	.78661	.19947	.19176	.02204	.10519
1.300	17.979	.04261	.12320	.04689	.49626	-.53364	.85064	.25152	.24054	.01828	.09670
	GRADIENT	.00208	-.00450	-.03165	-.01361	-.01203	.02835	.00524	.01278	.00629	-.00199

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR015) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.400	-1.935	.10318	.22684	.60990	.88102	-.35784	.26278	-.04361	.01339	.07772	.14938
1.400	.005	.10319	.22372	.54863	.84452	-.38134	.31230	-.02987	.03084	.05285	.13854
1.400	1.991	.10393	.22813	.47763	.80142	-.40419	.36846	-.01418	.04720	.03859	.11930
1.400	4.002	.10514	.22196	.40585	.75263	-.42656	.42090	.01021	.05124	.04720	.12138
1.399	6.067	.11019	.22313	.35154	.70641	-.44141	.48195	.04895	.06467	.04432	.12354
1.400	8.005	.11964	.19572	.31399	.65545	-.45563	.54012	.07031	.08682	.05166	.11640
1.400	10.062	.11924	.18513	.24027	.59841	-.47098	.61135	.09590	.11384	.05944	.11371
1.399	11.982	.11379	.17441	.19512	.55701	-.48498	.66667	.13232	.13735	.05985	.11169
1.400	13.953	.10706	.16242	.14570	.51754	-.48853	.72300	.16513	.15522	.05549	.11526
1.400	15.999	.08981	.14885	.10105	.47764	-.48440	.78255	.20973	.20178	.04916	.11633
1.400	17.976	.06716	.13471	.06247	.43776	-.48451	.84848	.26081	.25339	.04399	.10710
	GRADIENT	.00033	-.00052	-.03452	-.02164	-.01157	.02680	.00896	.00655	-.00531	-.00520

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.549	-1.816	.07784	.20169	.58886	.85707	-.27700	.27568	-.06217	.00029	.00694	.10307
1.550	.129	.09441	.20642	.52903	.80005	-.29553	.32807	-.04293	-.00101	.00882	.10541
1.551	2.137	.09607	.20724	.46307	.72499	-.30917	.37535	-.02488	.01135	.02341	.13181
1.550	4.139	.09838	.23286	.41820	.65518	-.32982	.42717	.00403	.02406	.02945	.13415
1.550	6.194	.09520	.21251	.36369	.59704	-.35109	.47830	.04633	.04693	.02247	.12844
1.550	8.094	.10536	.19756	.31573	.55478	-.36815	.53426	.07919	.06898	.04143	.11266
1.550	10.106	.10777	.17265	.26772	.47979	-.37681	.60008	.10854	.10306	.07267	.10452
1.550	11.921	.09981	.16806	.21984	.43207	-.38942	.66041	.15867	.13314	.06176	.12443
1.551	13.891	.08499	.14759	.17516	.38558	-.39911	.71926	.18744	.16185	.06339	.11060
1.550	15.882	.07604	.12937	.13029	.34745	-.40469	.78953	.18948	.20927	.05510	.10955
1.550	17.910	.05539	.11278	.07773	.31323	-.41408	.84578	.24165	.23189	.04968	.09934
	GRADIENT	.00317	.00476	-.02907	-.03426	-.00866	.02524	.01090	.00422	.00414	.00603

OA232 AEDC 16T TF431 LA .2A RFN.15 (QVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.260	7.995	.16958	.14691	.29512	.71439	-.58606	.53489	.05420	.12356	.08474	.09401
1.260	11.981	.14697	.13040	.18857	.65144	-.61580	.65472	.12465	.17619	.06642	.08213
1.261	15.954	.10463	.10526	.07852	.57750	-.59206	.77654	.20817	.21117	.05036	.05675
1.260	17.997	.08234	.08762	.02875	.53969	-.54771	.84168	.25619	.25185	.04915	.05116
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.280	7.973	.15869	.15441	.30304	.70959	-.56836	.54023	.07116	.10824	.07687	.07103
1.279	12.004	.13498	.13824	.19897	.63741	-.59654	.66070	.12875	.13444	.06821	.06005
1.280	16.026	.09519	.10917	.08893	.55866	-.58019	.78481	.20225	.21511	.05891	.05337
1.281	17.973	.08006	.09025	.04085	.52153	-.54160	.84388	.24833	.25214	.05482	.04986
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.300	7.980	.17255	.15558	.30186	.70470	-.54715	.54124	.04229	.10787	.07316	.07196
1.299	12.031	.14070	.13267	.19684	.62484	-.57795	.66245	.12439	.13207	.07342	.06703
1.300	15.998	.09425	.10238	.09176	.53820	-.57305	.78207	.20891	.18847	.06304	.06272
1.299	18.005	.08154	.08794	.04191	.49951	-.54215	.84622	.25693	.23268	.05814	.06301
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.321	7.999	.14802	.16252	.29960	.69738	-.53030	.54172	.06562	.10278	.09321	.07126
1.320	11.971	.13050	.14182	.20334	.61352	-.55745	.66611	.12806	.11755	.07711	.07562
1.320	16.033	.10049	.10457	.08853	.52165	-.56192	.79167	.21750	.18535	.07144	.06509
1.320	17.990	.07734	.09006	.04873	.48280	-.54143	.84858	.26154	.22985	.06292	.06260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.340	7.967	.14493	.17626	.30444	.69806	-.50999	.54623	.05270	.09595	.08588	.09728
1.341	12.003	.13075	.14896	.20999	.60613	-.54151	.66807	.12660	.12619	.08758	.09126
1.340	16.031	.08620	.12167	.09896	.51891	-.54897	.79280	.21633	.20200	.07496	.08584
1.340	17.999	.07338	.10100	.05806	.47482	-.53257	.85080	.25348	.24115	.06045	.07992
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (QVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.360	7.963	.14608	.17312	.30561	.68524	-.49259	.54943	.06475	.08850	.06840	.09126
1.360	12.007	.11822	.15564	.20824	.59109	-.52421	.67016	.13591	.12917	.07253	.08884
1.361	16.017	.10081	.12467	.10347	.50766	-.53174	.78758	.21148	.21012	.05808	.07982
1.361	18.000	.08324	.10706	.05909	.46638	-.51931	.84876	.25941	.25112	.06891	.08003
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.380	7.969	.15689	.17927	.30625	.67228	-.47490	.54599	.07608	.07859	.07769	.08764
1.380	11.979	.13308	.14948	.20193	.57638	-.50701	.66551	.12034	.14458	.08095	.08347
1.380	16.017	.09962	.12460	.10770	.49386	-.51961	.78906	.20561	.21114	.06751	.08436
1.380	17.982	.09856	.11090	.05988	.45723	-.51252	.85171	.25552	.25554	.05397	.07935
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.400	7.959	.14715	.17354	.31050	.65878	-.46142	.54822	.05632	.08487	.07311	.09706
1.400	11.972	.13748	.15499	.20278	.56375	-.49126	.66045	.12820	.13895	.06285	.08595
1.401	15.967	.10447	.11856	.10854	.47369	-.51030	.78772	.21188	.22828	.05290	.09007
1.400	18.000	.08839	.09702	.06022	.43793	-.50714	.84999	.25104	.24878	.06805	.08974
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
1.451	8.074	.14373	.16503	.31471	.62474	-.42676	.55715	.07846	.07581	.07177	.08948
1.450	11.939	.15303	.15110	.21467	.52007	-.45025	.67303	.12714	.12931	.07457	.09312
1.450	16.053	.10539	.12381	.12435	.43846	-.47243	.79399	.19659	.19094	.07870	.09757
1.450	18.065	.08782	.11109	.08164	.39762	-.47795	.85711	.24577	.23119	.06803	.08489
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (QVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.199	-3.797	-.17828	-.15661	.41305	.42925	-.28066	-.16306	-.18512	-.21102	-.19348	-.19331
.200	-1.827	-.15037	-.13310	.37359	.40047	-.29353	-.09833	-.16799	-.20683	-.18068	-.17185
.199	.128	-.12915	-.11400	.31606	.36898	-.30755	-.03562	-.15551	-.20753	-.16608	-.16159
.200	2.188	-.10635	-.09995	.24878	.34201	-.31979	.02730	-.13460	-.19696	-.14942	-.15144
.200	4.178	-.10110	-.10333	.19026	.29227	-.34105	.08911	-.13157	-.19843	-.15942	-.15064
.201	6.184	-.07365	-.07371	.14845	.27703	-.32601	.16585	-.09094	-.16352	-.14418	-.12908
.200	8.191	-.08764	-.08338	.08500	.23853	-.34042	.19535	-.08563	-.17195	-.14809	-.14149
.200	10.196	-.08084	-.08305	.02688	.22076	-.33724	.27465	-.05511	-.14122	-.14112	-.14099
.201	12.206	-.09284	-.09290	-.03061	.20477	-.33268	.33112	-.02869	-.12715	-.14847	-.14405
.201	14.201	-.10319	-.10541	-.07088	.19402	-.31064	.39719	.01867	-.09896	-.15447	-.15006
.201	16.191	-.12854	-.12862	-.12601	.17797	-.31719	.46309	.05369	-.06641	-.16707	-.16692
	GRADIENT	.00993	.00699	-.02859	-.01665	-.00737	.03155	.00704	.00176	.00497	.00529

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.249	-3.792	-.16782	-.14829	.43109	.44732	-.26166	-.14603	-.17031	-.19626	-.18523	-.16544
.250	-1.773	-.13712	-.11771	.37973	.41090	-.27795	-.08298	-.15689	-.18918	-.16523	-.15642
.250	.184	-.10760	-.09250	.32954	.38445	-.29405	-.02524	-.14471	-.18571	-.15091	-.14644
.250	2.014	-.08760	-.07901	.26438	.35577	-.30392	.03784	-.12893	-.17851	-.13730	-.13501
.250	4.008	-.07167	-.07388	.21052	.32097	-.30901	.10956	-.10855	-.16881	-.12556	-.12328
.249	6.214	-.06301	-.05871	.15876	.29187	-.31343	.15472	-.08714	-.16323	-.13482	-.11511
.249	8.120	-.06330	-.06335	.10657	.25716	-.31622	.22012	-.06126	-.14838	-.12212	-.12200
.249	10.135	-.06665	-.06670	.05767	.23446	-.31107	.28249	-.02965	-.12780	-.12989	-.12322
.248	12.159	-.07807	-.07814	-.00779	.21797	-.31495	.34739	-.01675	-.10663	-.13286	-.13054
.248	14.153	-.08867	-.09312	-.07523	.20321	-.31693	.40734	.01445	-.08651	-.14129	-.14116
.247	16.205	-.11059	-.11288	-.13449	.18780	-.32282	.46855	.03086	-.06421	-.15476	-.15461
	GRADIENT	.01248	.00969	-.02868	-.01588	-.00623	.03259	.00781	.00338	.00760	.00545

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (QVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP12;	CP130	CP131	CP132	CP67	CP68
.398	-3.955	-.16499	-.14328	.43359	.45201	-.27165	-.13339	-.17510	-.19886	-.18783	-.18548
.398	-1.919	-.13547	-.12139	.38439	.42011	-.28911	-.07666	-.16299	-.19982	-.17573	-.17013
.399	.045	-.11079	-.10002	.33244	.39069	-.30188	-.00985	-.15014	-.19554	-.15851	-.15294
.400	2.049	-.09362	-.08720	.26382	.36281	-.31431	.04807	-.13497	-.18996	-.14766	-.14428
.401	4.068	-.07311	-.07101	.21528	.33103	-.31994	.11981	-.11320	-.17772	-.13773	-.12899
.401	6.054	-.06810	-.06816	.15801	.29310	-.33015	.17343	-.09632	-.16845	-.13923	-.13263
.401	10.066	-.06484	-.06705	.04578	.24026	-.32702	.29293	-.04132	-.13150	-.12926	-.12806
.401	14.041	-.08801	-.09238	-.06412	.21507	-.31482	.42361	.02052	-.08267	-.14171	-.14050
.400	18.068	-.13397	-.13947	-.17992	.18046	-.31230	.54681	.08437	-.03026	-.17391	-.17375
	GRADIENT	.01127	.00893	-.02784	-.01495	-.00607	.03153	.00759	.00261	.00641	.00694

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (QVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.601	-1.984	-.13219	-.12402	.41246	.45469	-.30927	-.05787	-.17688	-.21125	-.18686	-.18617
.602	2.113	-.08526	-.08275	.28373	.39077	-.33669	.07513	-.14772	-.19895	-.15462	-.15448
.603	6.096	-.05957	-.06476	.17489	.32117	-.34838	.20815	-.10395	-.17833	-.14071	-.13750
.603	10.092	-.05865	-.06484	.05947	.27188	-.34676	.31899	-.04802	-.13955	-.12974	-.13319
.602	14.084	-.08320	-.09304	-.05831	.24070	-.33723	.44897	.01497	-.09301	-.14126	-.14627
.600	18.076	-.12598	-.13433	-.17865	.20961	-.33202	.57521	.08423	-.03358	-.16982	-.16915
	GRADIENT	.01145	.01007	-.03142	-.01560	-.00669	.03246	.00712	.00300	.00787	.00774

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (QVR01S) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.701	-1.948	-.12493	-.11717	.43389	.48397	-.31556	-.03748	-.18464	-.22113	-.19542	-.19443
.703	2.092	-.07581	-.07505	.30746	.42395	-.32840	.09872	-.15286	-.20442	-.15708	-.15735
.702	6.062	-.04999	-.05374	.19494	.35069	-.35167	.23112	-.10772	-.18074	-.13872	-.13531
.701	10.088	-.04851	-.05432	.07251	.29963	-.41852	.34086	-.05233	-.14291	-.12428	-.12828
.699	14.026	-.07021	-.07894	-.04606	.27570	-.50462	.46875	.01119	-.09380	-.13299	-.13658
.696	18.000	-.11444	-.12368	-.16306	.24656	-.58906	.59724	.08444	-.03378	-.15641	-.16084
	GRADIENT	.01216	.01043	-.03130	-.01486	-.00318	.03372	.00787	.00414	.00949	.00918

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (QVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.800	8.002	-.02188	-.02747	.16303	.36634	-.75078	.31980	-.08355	-.16339	-.11082	-.11141
.800	12.022	-.03019	-.03753	.04238	.34364	-.75676	.44201	-.01740	-.11675	-.10035	-.10337
.800	16.027	-.06489	-.07293	-.08233	.32262	-.78618	.56991	.05738	-.05797	-.10930	-.11302
.799	18.019	-.08823	-.09664	-.14238	.30861	-.81286	.63359	.09848	-.02362	-.12087	-.12457
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (QVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CP125	CP126	CP127	CP128	CP129	CP130	CP131	CP132	CP67	CP68
.599	-4.003	-.17134	-.15154	.44897	.47565	-.28367	-.16807	-.18922	-.21615	-.20980	-.19839
.599	-1.912	-.13820	-.12650	.38869	.44614	-.30418	-.09131	-.17747	-.21339	-.18876	-.17770
.599	.098	-.11110	-.10308	.32944	.41811	-.31606	-.02190	-.16177	-.20813	-.17087	-.16147
.599	2.071	-.08998	-.08598	.26773	.39064	-.32953	.03885	-.14801	-.20077	-.15638	-.14752
.600	4.096	-.07391	-.07460	.20942	.36372	-.33545	.10639	-.12570	-.19071	-.14402	-.13651
.599	6.060	-.06417	-.06755	.15265	.34239	-.34170	.17415	-.10435	-.18002	-.13934	-.13179
.600	8.066	-.05943	-.06480	.09332	.31671	-.34183	.24613	-.07700	-.16176	-.13362	-.12644
.600	10.055	-.06056	-.06661	.03414	.29396	-.34132	.31435	-.05134	-.14160	-.13262	-.12743
.599	12.082	-.07227	-.07901	-.02730	.27103	-.33989	.37951	-.02234	-.12001	-.13640	-.13232
.598	14.035	-.08727	-.09639	-.08597	.24832	-.33593	.44758	.01094	-.09270	-.14356	-.14150
.599	16.091	-.10426	-.11267	-.14555	.22972	-.32784	.51140	.04728	-.06373	-.15451	-.15481
	GRADIENT	.01206	.00964	-.02973	-.01384	-.00639	.03366	.00775	.00314	.00813	.00763

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (XVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.202	-3.800	-48.00520	-6.94795	53.14260	-168.96600	-177.15900	86.00610	.00000
.200	-1.769	-36.32830	-.80450	57.87620	-147.29600	-158.14700	82.54860	.00000
.200	.186	-29.40860	4.16877	60.02270	-126.56900	-145.18400	74.98520	.00000
.200	2.183	-21.98440	8.63008	62.38570	-111.39600	-135.46200	68.93450	.00000
.201	4.203	-9.44247	11.92120	72.33620	-89.30540	-125.03200	57.91370	.00000
.200	6.211	-4.75728	12.94510	75.49760	-67.33420	-113.20900	47.32500	.00000
.200	8.188	-1.72992	13.67650	77.79370	-44.43090	-100.24600	37.38460	.00000
.200	10.192	-.07208	14.55410	79.07370	-19.08280	-87.28330	25.49930	.00000
.200	12.199	.28832	14.55410	78.93410	3.10498	-76.04880	14.04620	.00000
.200	14.190	-.43248	11.11670	81.05050	26.27290	-65.03040	1.29657	.00000
.200	16.206	-2.23448	10.89730	79.36820	51.98570	-53.36380	-12.74960	.00000
.199	18.545	-7.20800	7.75244	77.53960	80.93960	-40.40090	-28.74070	.00000
	GRADIENT	4.58566	2.36346	2.15203	9.78259	6.35518	-3.49743	.00000

0A232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (XVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.250	-3.994	-49.80720	-5.41208	53.50460	-179.52600	-183.20900	94.21770	.00000
.251	-1.991	-38.63480	-1.31645	60.88160	-159.13300	-169.16500	88.16710	.00000
.251	-.002	-29.69690	5.63149	63.07180	-134.95000	-151.01700	82.33950	.00000
.252	2.006	-21.91230	9.50771	67.38010	-115.10400	-140.21500	73.68860	.00000
.252	4.003	-9.87495	13.16450	76.26050	-94.72510	-130.06100	63.96430	.00000
.252	6.015	-4.82936	14.26160	80.50930	-71.52150	-117.53000	53.59170	.00000
.252	8.011	-1.51368	16.16310	82.02320	-45.70950	-103.48700	41.92260	.00000
.249	10.215	-.14416	14.77350	81.98240	-19.55570	-88.79570	27.66020	.00000
.248	12.197	.28832	15.94370	80.74440	1.98315	-77.12910	17.28770	.00000
.248	14.193	-.14416	13.31080	83.44510	26.03560	-66.54270	4.32191	.00000
.248	16.215	-2.23448	11.18980	83.17550	52.52830	-54.01190	-9.94040	.00000
.248	18.193	-6.05472	9.28931	81.15700	77.70920	-43.20960	-24.41880	.00000
.248	18.546	-6.99176	9.28831	80.02000	80.53440	-42.12930	-26.36370	.00000
	GRADIENT	4.83113	2.39949	2.60175	10.68518	6.76420	-3.75092	.00000

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.398	-3.921	-96.58710	-7.38676	110.40000	-354.17100	-368.57700	185.19400	.07200
.399	-1.992	-69.60900	.30568	116.40500	-293.26300	-314.34900	165.31300	-.36000
.400	.004	-54.34830	9.36144	123.29000	-251.61100	-284.75100	153.86000	-.07200
.401	1.955	-43.96080	18.06470	125.68700	-218.71700	-265.73900	140.67800	.07200
.402	4.038	-17.44330	26.47530	144.08200	-179.30800	-244.56600	122.74200	-.43200
.402	6.021	-8.64959	27.57240	152.47800	-137.77100	-223.39300	103.07800	-.14400
.402	8.027	-2.88320	28.59630	157.62100	-88.53910	-197.68400	79.95540	.07200
.402	10.060	-.28832	30.27840	158.73300	-42.10010	-173.70200	57.69760	-.14400
.403	12.046	.21624	30.79040	158.82600	.99829	-151.88200	36.52020	-.07200
.403	14.047	-.43248	27.57240	161.99500	49.35010	-128.76400	11.88530	.00000
.404	16.044	-3.96440	23.18420	163.35100	103.00500	-106.72800	-19.23250	-.28800
.404	18.457	-13.11860	19.08860	158.19300	158.00400	-80.58580	-48.18930	.79200
	GRADIENT	9.26181	4.29988	3.87158	21.33456	14.83793	-7.52699	-.02932

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (XVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.600	-3.926	-148.55700	.14627	188.99700	-576.68400	-598.45200	315.93200	.00000
.600	-1.919	-117.05800	9.72712	210.01500	-514.27800	-553.29800	297.78000	.00000
.600	.047	-89.30710	20.47810	227.31500	-433.17100	-495.61400	274.65700	.00000
.600	2.062	-69.26880	35.90990	231.92100	-368.35200	-454.13200	251.31900	.00000
.600	4.067	-28.39950	49.65950	258.74100	-305.77500	-421.94100	220.63400	.00000
.601	6.039	-14.34390	55.51040	268.94600	-232.68800	-383.91700	187.57100	.00000
.602	8.092	-5.11768	55.36420	278.31800	-148.85200	-340.49100	147.16100	.00000
.599	10.057	-.21624	59.38660	276.59700	-75.17970	-299.01000	112.37000	.00000
.600	12.033	.36040	60.11800	276.34300	-1.81592	-259.90600	78.01060	.00000
.599	14.076	-.28832	55.72980	278.98200	76.16600	-219.93700	38.89720	.00000
.598	16.041	-4.90144	49.22070	279.47800	153.41700	-182.12800	-1.94486	.00000
.599	18.555	-19.67780	40.73690	275.68500	259.63300	-139.99900	-63.53210	.00000
	GRADIENT	14.43004	6.27213	8.08262	34.43851	22.63985	-11.87396	

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.698	-4.032	-160.95500	9.43458	221.51100	-644.77900	-670.61200	366.06600	.00000
.700	-1.862	-132.19500	19.60050	242.10500	-588.11500	-634.31600	347.69800	.00000
.702	.106	-102.28100	30.71720	263.90100	-498.25800	-571.66200	323.49500	.00000
.702	2.124	-72.65660	47.24600	276.09700	-412.30000	-512.24900	296.05100	.00000
.702	4.128	-30.48980	63.55540	303.25500	-340.56200	-473.57700	264.28500	.00000
.702	6.108	-14.84850	71.23470	309.51700	-261.02000	-429.50300	227.11700	.00000
.701	8.109	-5.18976	71.38100	319.02900	-171.35000	-383.49500	183.46500	.00000
.701	10.053	-.64872	73.94080	321.51000	-89.17500	-341.78800	143.48800	.00000
.700	12.059	.28832	75.18410	319.20400	-5.61108	-296.41700	103.29400	.00000
.698	14.072	-.43248	69.47940	323.98800	86.01980	-252.34400	55.53560	.00000
.697	16.054	-5.33392	63.84800	322.41800	175.11800	-208.27000	8.21164	.00000
.700	18.597	-20.03820	56.82690	317.23500	288.03200	-159.87500	-53.80780	.00000
	GRADIENT	15.76790	6.68189	9.72294	38.57248	25.38671	-12.54361	

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (XVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.797	-4.033	-165.56800	25.01260	260.42000	-685.50300	-721.38400	415.12000	.00000
.800	-1.961	-146.17800	32.83820	275.38400	-650.55700	-705.61200	399.34500	.00000
.801	.024	-117.20200	44.61310	292.78500	-560.90800	-640.36600	375.14200	.00000
.802	1.998	-87.86550	61.43450	304.90000	-460.83900	-570.15000	344.88900	.00000
.799	4.038	-31.49890	81.83950	337.76100	-372.32600	-516.35400	307.07200	.00000
.799	5.997	-15.85760	90.17700	345.16500	-282.34100	-466.66300	266.87800	.00000
.799	8.010	-5.33392	90.83520	354.33100	-194.88500	-417.62000	227.76500	.00000
.799	10.015	-.64872	93.17560	358.97600	-103.13100	-373.33100	182.60100	.00000
.798	11.997	.57654	93.83380	358.44300	-10.24050	-325.15200	136.78900	.00000
.799	14.004	-.14416	91.49350	360.16200	81.25780	-277.83700	92.70510	.00000
.799	15.993	-4.75728	85.20380	362.23900	179.53900	-232.46700	40.19380	.00000
.800	17.991	-15.56930	80.81560	356.21500	279.33300	-188.61000	-15.34280	.00000
	GRADIENT	16.23469	7.07151	9.16506	40.55146	27.09902	-13.45054	.00000

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (XVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.599	-3.401	-136.95200	9.87340	187.97500	-542.85400	-573.39100	304.26300	.00000
.598	-1.403	-110.28200	14.70040	209.91700	-485.92900	-534.28600	286.54300	.00000
.599	.646	-83.10820	26.40220	225.89000	-402.46100	-474.22500	263.63700	.00000
.599	2.654	-45.12200	40.37120	250.40700	-345.78400	-441.60200	240.08200	.00000
.599	4.671	-22.77730	53.24320	258.18000	-283.31100	-406.60200	210.90900	.00000
.600	6.702	-10.37950	55.86300	270.11800	-203.64200	-366.84900	173.09300	.00000
	GRADIENT	14.52935	5.56548	8.95420	32.64046	21.10723	-11.54294	.00000

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (XVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.402	8.090	-2.95528	28.15750	157.78700	-84.85010	-196.17100	77.57840	.00000
.402	10.029	-.21624	30.05900	158.42500	-38.59420	-172.62200	54.67220	.00000
.398	12.103	.14416	28.52310	156.82100	7.81836	-147.56100	29.82120	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.205	-1.736	-38.83380	-4.61311	69.27930	.00000	.00000	.00000	-3.31384
.203	.234	-26.87390	1.80200	72.72410	.00000	.00000	.00000	1.00856
.201	2.291	-16.78720	8.07295	74.83980	.00000	.00000	.00000	6.41155
.199	4.149	-10.01470	11.10030	76.98510	.00000	.00000	.00000	10.15760
.198	6.163	-4.97130	11.02820	81.80030	.00000	.00000	.00000	11.88660
.199	8.167	-1.36891	12.97440	83.75660	.00000	.00000	.00000	12.89510
.199	10.177	-.14410	12.61400	84.84200	.00000	.00000	.00000	13.97570
.200	12.191	.00000	13.40690	-3596.81000	.00000	.00000	.00000	14.11980
.200	14.188	-.72048	12.03730	87.04200	.00000	.00000	.00000	13.11130
.200	16.186	-3.31420	10.16330	85.92260	.00000	.00000	.00000	12.10270
	GRADIENT	4.90451	2.71578	1.28050	.00000	.00000	.00000	2.32635

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.249	-1.876	-38.49070	-4.09563	63.80490	.00000	.00000	.00000	-3.16800
.252	.057	-26.09290	1.75527	72.35180	.00000	.00000	.00000	1.58400
.250	1.995	-17.44330	7.31363	73.54320	.00000	.00000	.00000	5.11200
.250	4.120	-10.59580	10.38540	77.21900	.00000	.00000	.00000	9.57600
.249	6.124	-5.26184	11.04360	81.79440	.00000	.00000	.00000	12.24000
.250	8.170	-1.87408	11.70180	85.02390	.00000	.00000	.00000	13.32000
.250	10.164	-.28832	12.57940	86.23240	.00000	.00000	.00000	14.25600
.250	12.193	-.14416	12.57940	86.27640	.00000	.00000	.00000	14.40000
.250	14.177	-.86496	11.18980	86.34550	.00000	.00000	.00000	13.32000
.251	15.988	-3.09944	10.01970	86.18090	.00000	.00000	.00000	12.02400
	GRADIENT	4.61847	2.44993	2.07081	.00000	.00000	.00000	2.09477

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.396	-3.998	-91.86110	-11.60490	103.34400	.00000	.00000	.00000	-7.49215
.397	-1.853	-66.14000	-3.17152	121.23200	.00000	.00000	.00000	-1.00856
.398	.077	-46.47090	4.32479	134.50400	.00000	.00000	.00000	4.53851
.398	2.150	-30.11600	14.56010	141.22400	.00000	.00000	.00000	12.39090
.399	4.000	-18.66040	20.54280	146.79700	.00000	.00000	.00000	20.53140
.399	6.023	-9.00599	22.12850	155.36500	.00000	.00000	.00000	24.06130
.399	8.015	-3.02601	24.72340	158.45000	.00000	.00000	.00000	25.93440
.399	10.050	-.07205	24.79550	161.43200	.00000	.00000	.00000	27.87940
.400	12.038	.21614	26.66960	160.44700	.00000	.00000	.00000	28.38370
.400	14.016	-1.08072	24.14680	161.57300	.00000	.00000	.00000	26.15050
.399	16.046	-5.11540	20.75900	160.32600	.00000	.00000	.00000	24.34950
	GRADIENT	9.14307	4.10378	5.36507	.00000	.00000	.00000	3.46738

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.597	-3.912	-205.93200	-18.28410	267.55200	.00000	.00000	.00000	-6.76800
.598	-1.986	-152.80900	-3.80309	308.09400	.00000	.00000	.00000	4.17600
.599	.064	-105.45300	18.86920	332.97800	.00000	.00000	.00000	20.80800
.599	2.044	-70.27800	45.49080	340.43100	.00000	.00000	.00000	36.79200
.600	4.048	-42.59920	60.11800	355.28300	.00000	.00000	.00000	59.89600
.600	6.067	-21.19150	67.28540	370.72300	.00000	.00000	.00000	65.88000
.600	8.052	-7.20800	71.08840	380.10400	.00000	.00000	.00000	69.84000
.599	10.064	-.93704	73.13630	382.62600	.00000	.00000	.00000	74.88000
.599	12.054	.43248	72.62430	384.50800	.00000	.00000	.00000	76.89600
.599	14.089	-1.58576	69.11380	386.70000	.00000	.00000	.00000	72.28800
.598	16.036	-9.44247	64.06740	381.79000	.00000	.00000	.00000	67.53600
	GRADIENT	20.50215	10.33471	10.40206	.00000	.00000	.00000	8.22190

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.699	-1.948	-172.27100	13.53020	388.09900	.00000	.00000	.00000	25.84800
.700	.086	-119.65300	36.12930	419.21800	.00000	.00000	.00000	39.60000
.701	2.068	-78.85550	60.55680	437.78800	.00000	.00000	.00000	52.41600
.701	4.043	-47.42860	84.17980	445.79200	.00000	.00000	.00000	82.44000
.702	6.053	-23.20970	91.20090	465.28900	.00000	.00000	.00000	93.09590
.702	8.087	-8.00087	97.78320	473.81600	.00000	.00000	.00000	97.41600
.701	10.054	-1.29744	99.75790	477.04400	.00000	.00000	.00000	103.03200
.700	12.048	-.21624	99.39220	478.29200	.00000	.00000	.00000	105.62400
.699	14.091	-2.66696	96.10100	477.23200	.00000	.00000	.00000	100.22400
.698	16.021	-11.38860	92.59050	470.42100	.00000	.00000	.00000	95.47200
	GRADIENT	20.82757	11.84353	9.62078	.00000	.00000	.00000	9.13946

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.800	-1.928	-188.47700	37.62570	485.49700	.00000	.00000	.00000	59.00070
.800	.088	-132.64000	61.98870	516.37100	.00000	.00000	.00000	73.76890
.800	1.962	-89.41140	89.59530	532.59300	.00000	.00000	.00000	88.60910
.799	3.918	-54.82840	119.14800	537.92300	.00000	.00000	.00000	117.28100
.800	5.929	-27.45020	127.22100	558.32900	.00000	.00000	.00000	130.24800
.800	7.964	-9.58237	133.49200	568.92600	.00000	.00000	.00000	135.43500
.800	9.998	-1.00867	136.44700	574.64400	.00000	.00000	.00000	141.91900
.800	11.984	.57638	136.73600	575.64100	.00000	.00000	.00000	144.22400
.800	13.984	-1.58505	134.86100	575.05300	.00000	.00000	.00000	140.55000
.800	16.014	-11.16740	133.34800	566.58500	.00000	.00000	.00000	137.95600
	GRADIENT	22.89809	14.01437	8.95933	.00000	.00000	.00000	9.76731

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.850	-1.986	-195.10600	59.89840	523.59600	.00000	.00000	.00000	79.74820
.850	-.060	-141.64600	79.07160	558.58200	.00000	.00000	.00000	93.86800
.850	1.941	-93.15790	109.99400	576.24800	.00000	.00000	.00000	111.15800
.850	3.959	-56.55760	143.07900	580.46400	.00000	.00000	.00000	141.63000
.850	5.921	-28.89120	152.30500	598.60400	.00000	.00000	.00000	154.74200
.850	7.977	-10.01470	158.14300	611.94200	.00000	.00000	.00000	160.64900
.850	9.994	-1.15277	161.45900	617.48900	.00000	.00000	.00000	167.78100
.850	12.000	.64843	161.89100	618.05700	.00000	.00000	.00000	170.37400
.850	13.998	-1.58505	160.30600	618.00900	.00000	.00000	.00000	167.56500
.850	16.000	-10.73510	159.00800	609.55700	.00000	.00000	.00000	164.75500
.850	18.007	-29.82780	153.31400	596.85800	.00000	.00000	.00000	158.20000
	GRADIENT	23.37995	14.15661	9.45511	.00000	.00000	.00000	10.24806

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.902	-3.966	-270.30000	71.30790	516.89200	.00000	.00000	.00000	93.38400
.903	-2.086	-208.88800	85.56940	564.94300	.00000	.00000	.00000	105.19200
.902	-.097	-150.57500	108.31500	599.71000	.00000	.00000	.00000	118.65600
.898	1.907	-100.26300	141.00700	611.43000	.00000	.00000	.00000	138.16800
.900	3.946	-60.90760	178.30600	616.48600	.00000	.00000	.00000	174.02400
.900	5.975	-31.06650	188.03300	637.50000	.00000	.00000	.00000	189.57600
.899	7.994	-11.53280	192.78700	650.48000	.00000	.00000	.00000	194.32800
.896	10.011	-1.94616	192.56800	655.78600	.00000	.00000	.00000	199.87200
.901	12.003	.28832	197.46800	659.22000	.00000	.00000	.00000	207.28800
.898	14.024	-1.29744	194.25000	657.65300	.00000	.00000	.00000	202.39200
.895	15.974	-9.73079	190.52000	648.34900	.00000	.00000	.00000	195.62400
.896	18.011	-28.61570	189.49600	632.38800	.00000	.00000	.00000	191.73600
	GRADIENT	26.58100	13.62905	12.32948	.00000	.00000	.00000	9.83179

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.949	-1.976	-200.72500	123.76100	591.01300	.00000	.00000	.00000	148.61800
.950	-.019	-145.17600	144.52000	624.20300	.00000	.00000	.00000	162.59400
.950	1.978	-97.19260	172.99200	645.51600	.00000	.00000	.00000	182.47700
.951	3.955	-58.71900	215.66300	640.31800	.00000	.00000	.00000	212.08500
.950	6.019	-29.39550	219.26700	664.43700	.00000	.00000	.00000	225.41300
.949	7.955	-10.87920	224.52900	678.99200	.00000	.00000	.00000	231.53600
.949	9.976	-1.32481	229.50200	683.47300	.00000	.00000	.00000	239.02800
.950	12.045	.43229	230.87200	684.66000	.00000	.00000	.00000	241.83800
.950	13.979	-1.22481	228.56500	684.81000	.00000	.00000	.00000	238.09200
.949	16.000	-10.59100	225.82600	676.98300	.00000	.00000	.00000	235.13800
.949	17.985	-29.39550	223.73600	659.36800	.00000	.00000	.00000	228.87100
	GRADIENT	23.94775	15.37457	8.54418	.00000	.00000	.00000	10.62895

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.978	-1.925	-198.63600	148.12400	607.14000	.00000	.00000	.00000	173.97600
.981	-.047	-146.54500	166.50500	642.25000	.00000	.00000	.00000	186.22300
.980	1.955	-97.98510	198.72400	657.99000	.00000	.00000	.00000	205.67400
.981	3.974	-59.79970	237.07100	660.33000	.00000	.00000	.00000	234.49000
.979	6.033	-29.61170	243.91800	680.07000	.00000	.00000	.00000	250.12300
.980	8.012	-10.59100	249.54100	695.36800	.00000	.00000	.00000	256.39000
.979	9.979	-1.65710	252.71200	700.03100	.00000	.00000	.00000	263.16200
.980	12.042	.57638	254.80200	700.67400	.00000	.00000	.00000	266.62000
.979	13.949	-1.22431	251.12600	701.14900	.00000	.00000	.00000	262.87400
.975	16.022	-10.59100	244.35100	692.65800	.00000	.00000	.00000	255.59800
.980	18.030	-29.75580	248.67600	680.06900	.00000	.00000	.00000	254.80500
	GRADIENT	23.58033	15.21672	8.83627	.00000	.00000	.00000	10.23059

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.051	-1.965	-177.74200	193.82300	567.73500	.00000	.00000	.00000	217.92100
1.048	.092	-127.30900	205.57200	602.61900	.00000	.00000	.00000	228.29400
1.050	1.953	-87.17790	231.73700	618.38500	.00000	.00000	.00000	244.14300
1.049	3.969	-53.53160	267.63300	614.23600	.00000	.00000	.00000	265.46700
1.051	6.022	-26.58570	275.99400	636.32000	.00000	.00000	.00000	282.68500
1.050	8.021	-9.79851	279.23700	648.56400	.00000	.00000	.00000	285.92600
1.050	9.992	-1.80120	283.56200	652.93600	.00000	.00000	.00000	293.13000
1.049	12.003	.07205	283.63400	652.73800	.00000	.00000	.00000	296.80400
1.049	14.001	-1.44096	280.60700	654.65200	.00000	.00000	.00000	292.77000
1.049	16.023	-9.43827	277.14700	649.51500	.00000	.00000	.00000	286.64700
1.047	18.007	-25.14470	272.96700	635.68900	.00000	.00000	.00000	281.17200
	GRADIENT	20.99623	12.57006	7.91358	.00000	.00000	.00000	8.05127

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.102	-4.231	-244.89100	227.34000	540.96900	.00000	.00000	.00000	266.18700
1.097	-3.821	-231.77800	226.54700	548.37500	.00000	.00000	.00000	264.24200
1.100	-1.932	-180.55200	243.63000	585.61800	.00000	.00000	.00000	266.54800
1.101	.131	-130.47900	256.17200	622.94900	.00000	.00000	.00000	274.76000
1.099	2.006	-89.48350	275.41700	645.19900	.00000	.00000	.00000	287.94300
1.098	4.060	-54.82840	308.79000	643.18100	.00000	.00000	.00000	314.31000
1.098	6.010	-29.61170	320.75500	655.73300	.00000	.00000	.00000	327.49300
1.099	8.012	-12.82450	325.87300	670.70200	.00000	.00000	.00000	331.45600
1.098	9.988	-3.96263	329.91000	672.62800	.00000	.00000	.00000	338.51500
1.098	12.021	-2.08939	331.06300	673.74800	.00000	.00000	.00000	342.69400
1.098	14.008	-3.38625	329.11700	676.29700	.00000	.00000	.00000	337.21900
1.097	15.982	-10.44690	325.72900	670.32400	.00000	.00000	.00000	332.24800
1.098	18.027	-26.51360	322.77400	657.81300	.00000	.00000	.00000	328.79000
	GRADIENT	23.23362	9.42101	13.52219	.00000	.00000	.00000	5.43322

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-4.230	-237.75800	245.14400	573.79800	.00000	.00000	.00000	287.87100
1.150	-2.009	-177.95800	260.92900	619.41200	.00000	.00000	.00000	287.22300
1.150	.011	-130.62300	266.69600	659.68100	.00000	.00000	.00000	289.96000
1.151	2.027	-89.62760	287.38200	681.29000	.00000	.00000	.00000	296.51600
1.151	4.114	-55.98120	329.26100	672.75800	.00000	.00000	.00000	327.63700
1.149	5.708	-31.70110	334.88300	689.21600	.00000	.00000	.00000	340.96500
1.149	8.003	-17.07530	341.08200	697.94200	.00000	.00000	.00000	344.06300
1.150	10.080	-9.00599	345.98300	702.81000	.00000	.00000	.00000	354.29200
1.149	12.084	-6.77250	347.64100	700.58600	.00000	.00000	.00000	361.42400
1.151	14.054	-7.20479	347.92900	700.96600	.00000	.00000	.00000	357.03000
1.150	16.024	-13.90520	345.83900	698.35600	.00000	.00000	.00000	351.12200
1.151	18.060	-27.73840	343.31600	686.04500	.00000	.00000	.00000	348.09700
	GRADIENT	21.83015	9.38249	12.57490	.00000	.00000	.00000	4.26737

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.200	-4.090	-235.91800	252.90500	624.47700	.00000	.00000	.00000	293.18400
1.197	-1.857	-179.69500	258.82900	670.37500	.00000	.00000	.00000	289.00800
1.201	.004	-136.15900	258.46300	719.67700	.00000	.00000	.00000	291.96000
1.198	2.104	-95.36180	289.54600	724.89200	.00000	.00000	.00000	297.07200
1.203	4.006	-66.45770	334.81800	714.82500	.00000	.00000	.00000	335.66400
1.202	6.042	-41.15770	350.68800	722.95400	.00000	.00000	.00000	351.28800
1.201	8.046	-26.45330	360.56200	727.58500	.00000	.00000	.00000	356.68800
1.199	10.042	-17.37130	364.21900	730.41000	.00000	.00000	.00000	369.00000
1.203	12.036	-15.64130	369.77700	731.78200	.00000	.00000	.00000	385.99200
1.201	14.011	-15.64130	369.26500	729.59400	.00000	.00000	.00000	376.41600
1.200	16.020	-19.67780	369.63100	723.09100	.00000	.00000	.00000	367.12800
1.200	18.002	-30.70610	368.82600	713.16800	.00000	.00000	.00000	365.83200
	GRADIENT	21.03729	9.59365	11.74307	.00000	.00000	.00000	4.54538

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.299	-1.931	-171.33000	161.31500	771.25500	.00000	.00000	.00000	257.39800
1.299	-.060	-135.30600	200.67000	767.92400	.00000	.00000	.00000	258.04700
1.299	1.936	-105.47800	237.71900	758.50200	.00000	.00000	.00000	269.21300
1.300	4.028	-78.74830	293.58100	731.77000	.00000	.00000	.00000	314.31000
1.299	5.939	-58.28670	293.94200	753.77100	.00000	.00000	.00000	323.81900
1.300	7.974	-45.46220	282.55300	776.48500	.00000	.00000	.00000	324.61200
1.293	9.940	-37.58100	311.96200	754.15700	.00000	.00000	.00000	343.19800
1.300	12.007	-33.07000	393.48400	679.84600	.00000	.00000	.00000	401.26200
1.300	13.936	-34.94320	384.54600	686.91000	.00000	.00000	.00000	387.43000
1.299	15.981	-40.20270	352.18200	712.71500	.00000	.00000	.00000	345.71900
1.301	17.985	-48.92050	357.22800	699.65200	.00000	.00000	.00000	343.12600
	GRADIENT	15.44076	21.86184	-6.49543	.00000	.00000	.00000	9.27038

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.400	-3.954	-233.36300	95.21750	856.71900	.00000	.00000	.00000	116.20000
1.400	-1.985	-194.09700	96.87540	898.92700	.00000	.00000	.00000	127.79900
1.399	-.031	-158.50500	120.15700	906.43800	.00000	.00000	.00000	137.23600
1.400	1.958	-127.52500	148.77300	912.20200	.00000	.00000	.00000	147.53800
1.399	3.976	-104.61400	178.32600	904.56100	.00000	.00000	.00000	161.58500
1.400	5.945	-84.00780	187.98400	916.10800	.00000	.00000	.00000	187.95200
1.401	8.006	-67.00450	194.97600	926.81900	.00000	.00000	.00000	210.21200
1.399	9.955	-64.48280	201.82400	919.99400	.00000	.00000	.00000	231.75200
1.401	11.966	-62.10530	206.00400	918.99000	.00000	.00000	.00000	249.97800
1.401	14.006	-62.32140	209.10400	915.27500	.00000	.00000	.00000	251.27500
1.400	15.969	-65.92380	207.23000	914.34700	.00000	.00000	.00000	253.29200
1.399	18.004	-72.76840	204.92300	910.50800	.00000	.00000	.00000	246.59300
	GRADIENT	16.35583	11.02681	5.48119	.00000	.00000	.00000	5.58272

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.548	-3.916	-271.95800	93.39500	818.74800	.00000	.00000	.00000	122.18400
1.549	-1.929	-234.11600	112.11800	838.26700	.00000	.00000	.00000	117.14400
1.550	.009	-203.77000	122.43000	859.00000	.00000	.00000	.00000	128.23200
1.551	2.017	-178.90200	132.74200	874.25500	.00000	.00000	.00000	137.73600
1.552	4.012	-158.50400	157.17000	871.62600	.00000	.00000	.00000	166.17600
1.551	6.030	-140.34000	183.13300	862.92700	.00000	.00000	.00000	195.40800
1.550	8.072	-126.21200	194.32300	865.16500	.00000	.00000	.00000	210.16800
1.549	10.056	-121.45500	202.95300	859.99200	.00000	.00000	.00000	233.49600
1.548	12.088	-116.04900	212.75300	853.99800	.00000	.00000	.00000	248.25600
1.547	14.077	-110.93100	218.01900	853.15000	.00000	.00000	.00000	252.50400
1.548	16.089	-114.67900	221.45700	847.46400	.00000	.00000	.00000	249.55200
	GRADIENT	14.24048	7.48575	7.14868	.00000	.00000	.00000	5.49034

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (XVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.899	-3.948	-131.69000	37.51890	248.49100	.00000	.00000	.00000	43.56000
.901	-2.075	-102.06500	42.85780	274.47700	.00000	.00000	.00000	49.17600
.902	-.043	-72.94490	52.80440	294.85100	.00000	.00000	.00000	59.04000
.899	1.912	-48.65400	63.33600	306.11000	.00000	.00000	.00000	72.14400
.901	4.013	-28.97610	78.91400	311.21000	.00000	.00000	.00000	81.72000
.901	5.955	-15.35300	85.78880	317.95800	.00000	.00000	.00000	93.59990
.900	7.975	-5.69432	89.22620	323.68000	.00000	.00000	.00000	96.84000
.899	9.994	-1.00912	93.83380	322.85700	.00000	.00000	.00000	102.09600
.898	12.001	.21624	95.73540	320.88100	.00000	.00000	.00000	106.41600
.896	13.988	-.36040	94.41890	320.62100	.00000	.00000	.00000	102.67200
.896	16.034	-4.68520	90.25020	321.36500	.00000	.00000	.00000	97.20000
	GRADIENT	12.98170	5.20148	7.85368	.00000	.00000	.00000	4.99274

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.198	-3.971	-119.65300	130.54800	318.89900	.00000	.00000	.00000	118.94400
1.201	-1.989	-92.04610	130.69500	344.86000	.00000	.00000	.00000	122.54400
1.199	.078	-67.89930	128.64700	371.35400	.00000	.00000	.00000	130.32000
1.202	2.000	-49.08640	132.08400	388.92900	.00000	.00000	.00000	137.73600
1.199	4.043	-32.86850	155.04900	379.58300	.00000	.00000	.00000	150.91200
1.201	6.037	-20.32650	169.38400	378.69000	.00000	.00000	.00000	171.86400
1.201	7.984	-12.90230	173.55200	382.04500	.00000	.00000	.00000	175.82400
1.199	10.068	-8.28919	182.32900	378.18200	.00000	.00000	.00000	193.17600
1.203	12.004	-7.64048	193.44500	369.01400	.00000	.00000	.00000	211.89600
1.203	13.983	-7.56839	188.76500	373.86700	.00000	.00000	.00000	203.32800
1.195	16.063	-9.51455	181.81700	375.46900	.00000	.00000	.00000	184.24800
	GRADIENT	10.81898	2.51803	8.26417	.00000	.00000	.00000	3.95405

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (XVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.548	-3.832	-169.17200	63.55540	529.97300	.00000	.00000	.00000	74.37600
1.551	-1.943	-148.34100	70.64960	545.21000	.00000	.00000	.00000	65.95200
1.549	.059	-127.36500	80.30360	554.53100	.00000	.00000	.00000	71.85600
1.550	2.067	-110.49900	90.98150	559.92000	.00000	.00000	.00000	78.19200
1.550	4.112	-98.38910	103.04900	561.76200	.00000	.00000	.00000	93.31200
1.550	6.042	-86.78430	112.92200	563.89300	.00000	.00000	.00000	115.12800
1.549	8.081	-77.84630	123.30800	560.94600	.00000	.00000	.00000	134.20800
1.547	10.091	-73.88190	131.42600	554.99200	.00000	.00000	.00000	148.46400
1.548	12.081	-72.29620	138.59300	550.81100	.00000	.00000	.00000	160.77600
1.545	14.063	-68.47600	141.44600	551.37800	.00000	.00000	.00000	164.08800
1.552	16.095	-71.93580	143.27400	549.99000	.00000	.00000	.00000	161.71200
	GRADIENT	9.00346	4.99710	3.91560	.00000	.00000	.00000	2.54739

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.201	-1.814	-40.34680	.07208	59.48100	.00000	.00000	.00000	-5.97931
.203	.154	-29.25140	4.03647	68.51220	.00000	.00000	.00000	-1.87304
.203	2.179	-19.23680	12.10940	70.35380	.00000	.00000	.00000	4.10627
.202	4.153	-11.95990	15.28090	73.95920	.00000	.00000	.00000	6.77175
.203	6.085	-6.12407	15.78550	80.09030	.00000	.00000	.00000	8.14051
.201	7.845	-2.80987	17.22710	79.16310	.00000	.00000	.00000	9.14907
.201	9.843	-.36024	16.07380	83.76610	.00000	.00000	.00000	10.58990
.201	11.747	.00000	17.15500	-3595.35001	.00000	.00000	.00000	10.51780
.202	13.750	-.43229	15.71340	84.85420	.00000	.00000	.00000	9.50927
.201	15.741	-2.73782	13.62310	83.63890	.00000	.00000	.00000	8.71683
.200	17.724	-6.41226	11.96530	80.72270	.00000	.00000	.00000	7.20399
	GRADIENT	4.77629	2.69712	2.26929	.00000	.00000	.00000	2.22098

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.250	-1.985	-42.52720	-.36568	56.03830	.00000	.00000	.00000	-6.33600
.250	.185	-28.97610	4.53445	64.88940	.00000	.00000	.00000	-2.16000
.250	2.161	-19.17330	10.23910	68.68750	.00000	.00000	.00000	2.66400
.250	4.125	-12.10940	14.26160	71.92870	.00000	.00000	.00000	6.62400
.250	6.096	-6.63136	15.35860	76.81010	.00000	.00000	.00000	8.06400
.251	7.930	-3.09944	16.16310	79.83720	.00000	.00000	.00000	9.28800
.253	10.021	-.72080	17.33330	81.94580	.00000	.00000	.00000	9.72000
.250	11.940	-.14416	16.82130	81.93460	.00000	.00000	.00000	10.29600
.251	13.902	-.79238	15.28550	83.12160	.00000	.00000	.00000	9.07200
.250	15.709	-2.66696	14.04220	81.59110	.00000	.00000	.00000	7.92000
	GRADIENT	4.99019	2.44152	2.54910	.00000	.00000	.00000	2.15079

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.401	-1.955	-74.56960	1.80200	111.52900	.00000	.00000	.00000	-8.21255
.401	.036	-51.73040	11.82110	124.44800	.00000	.00000	.00000	-1.15264
.401	2.050	-34.36680	19.53360	134.40000	.00000	.00000	.00000	8.28459
.401	4.012	-21.25410	28.03910	139.10700	.00000	.00000	.00000	14.11980
.402	6.031	-11.23950	31.64310	145.01800	.00000	.00000	.00000	16.64120
.402	7.898	-4.97130	32.94050	151.18800	.00000	.00000	.00000	18.94650
.403	9.941	-.93662	33.22880	155.53400	.00000	.00000	.00000	20.02710
.403	11.847	.07205	32.86840	156.70400	.00000	.00000	.00000	21.61200
.402	13.841	-.96457	30.56190	158.07300	.00000	.00000	.00000	19.30670
.402	15.870	-4.17878	28.18320	156.03800	.00000	.00000	.00000	18.29810
	GRADIENT	8.90591	4.33925	4.65710	.00000	.00000	.00000	3.83928

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.700	-1.942	-187.55200	33.56950	354.77800	.00000	.00000	.00000	4.75200
.700	.041	-134.50100	55.80300	386.39600	.00000	.00000	.00000	17.56800
.700	2.017	-90.53240	76.42740	409.44000	.00000	.00000	.00000	37.36800
.701	3.980	-56.94320	101.73300	418.22400	.00000	.00000	.00000	64.15200
.701	6.002	-32.14770	114.16600	431.18700	.00000	.00000	.00000	69.26400
.701	7.987	-14.41600	120.30900	443.87500	.00000	.00000	.00000	74.08800
.701	9.983	-3.60400	127.69600	446.80000	.00000	.00000	.00000	77.90400
.701	11.940	-.64872	125.50200	451.44900	.00000	.00000	.00000	80.42400
.700	13.869	-2.01824	121.40600	453.07600	.00000	.00000	.00000	76.68000
.698	15.856	-9.58663	115.92100	449.09200	.00000	.00000	.00000	72.64800
.697	17.909	-25.15590	104.14600	443.59800	.00000	.00000	.00000	65.52000
	GRADIENT	22.08044	11.40254	10.81481	.00000	.00000	.00000	10.02638

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.800	-3.993	-272.70100	46.77980	391.71900	.00000	.00000	.00000	20.09910
.800	-1.945	-205.40900	59.68210	446.10900	.00000	.00000	.00000	33.78670
.800	-.103	-152.74200	81.66650	476.69200	.00000	.00000	.00000	46.97000
.800	2.034	-99.20990	109.34500	503.24500	.00000	.00000	.00000	71.46360
.800	3.997	-63.18600	140.91600	508.69800	.00000	.00000	.00000	96.89370
.799	5.983	-35.15940	157.99900	518.84200	.00000	.00000	.00000	100.49600
.800	7.938	-15.92260	163.18900	533.98900	.00000	.00000	.00000	108.63600
.800	10.015	-3.31420	169.53200	539.65400	.00000	.00000	.00000	112.16600
.800	11.935	-.07205	166.14400	546.08400	.00000	.00000	.00000	116.34400
.800	13.922	-1.22481	162.54000	548.93500	.00000	.00000	.00000	113.17500
.800	15.918	-8.64575	158.86400	544.03000	.00000	.00000	.00000	111.80600
.800	17.964	-25.50490	153.24200	533.45300	.00000	.00000	.00000	104.67400
	GRADIENT	26.30256	11.92535	14.56869	.00000	.00000	.00000	9.59492

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (28 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.850	-1.921	-210.74000	83.97310	484.28700	.00000	.00000	.00000	53.66970
.850	.083	-153.24600	108.12000	520.13500	.00000	.00000	.00000	67.35730
.849	1.911	-105.62200	131.90600	541.57200	.00000	.00000	.00000	90.19400
.850	3.916	-65.85180	167.22500	548.62300	.00000	.00000	.00000	121.53100
.850	6.055	-35.01530	183.22700	560.75800	.00000	.00000	.00000	125.06100
.850	7.947	-16.64310	190.00300	573.65400	.00000	.00000	.00000	131.90500
.850	10.052	-3.38625	196.27400	579.34000	.00000	.00000	.00000	137.38000
.850	11.914	.07205	194.11100	586.06100	.00000	.00000	.00000	141.41400
.850	13.904	-.93662	190.14700	587.21700	.00000	.00000	.00000	137.45200
.850	15.960	-9.00599	187.33600	583.25900	.00000	.00000	.00000	136.15500
.850	17.893	-25.43290	183.08300	573.18400	.00000	.00000	.00000	130.32000
.850	18.929	-37.17670	177.17200	566.15100	.00000	.00000	.00000	126.64600
	GRADIENT	24.93048	14.15012	11.08425	.00000	.00000	.00000	11.70265

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.901	-3.993	-291.78000	102.83000	463.59100	.00000	.00000	.00000	65.16000
.901	-1.992	-223.16000	115.26300	518.57800	.00000	.00000	.00000	75.16800
.902	-.031	-164.48600	138.88600	554.62800	.00000	.00000	.00000	91.94400
.901	1.956	-112.22800	166.01900	580.65200	.00000	.00000	.00000	119.44800
.899	3.998	-68.83630	204.78200	580.28200	.00000	.00000	.00000	151.77600
.900	5.974	-39.28360	220.36000	595.45700	.00000	.00000	.00000	156.09600
.900	7.870	-19.24530	225.91800	610.23700	.00000	.00000	.00000	164.52000
.899	9.976	-4.97352	236.01100	613.81500	.00000	.00000	.00000	169.70400
.900	11.929	-.36040	232.06100	624.17800	.00000	.00000	.00000	176.83200
.899	13.877	-.86496	228.03900	624.89600	.00000	.00000	.00000	170.92800
.900	15.937	-8.00087	226.35700	621.64200	.00000	.00000	.00000	167.32800
.900	17.933	-23.93050	224.82100	606.24900	.00000	.00000	.00000	162.00000
	GRADIENT	27.92842	12.78867	14.80002	.00000	.00000	.00000	10.92437

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.949	-4.034	-282.78800	132.12200	498.99000	.00000	.00000	.00000	113.17500
.950	-1.959	-217.58500	153.17000	543.64600	.00000	.00000	.00000	117.42500
.949	-.034	-161.17100	172.84800	579.08100	.00000	.00000	.00000	129.60000
.949	1.998	-108.64800	197.78700	607.16400	.00000	.00000	.00000	155.53400
.950	3.973	-69.02190	235.99000	609.88800	.00000	.00000	.00000	186.79900
.951	6.040	-37.89720	253.36100	624.34200	.00000	.00000	.00000	192.49100
.950	7.898	-18.01200	260.20800	635.58000	.00000	.00000	.00000	200.19900
.950	9.938	-4.39492	266.19100	645.11400	.00000	.00000	.00000	204.73700
.951	11.944	-.14410	265.18200	649.57400	.00000	.00000	.00000	210.35700
.950	13.959	-.93662	262.22700	649.43700	.00000	.00000	.00000	204.73700
.950	15.980	-8.42960	258.33400	647.13600	.00000	.00000	.00000	202.86400
.949	17.944	-24.28010	256.02800	632.19200	.00000	.00000	.00000	199.11800
	GRADIENT	26.87039	12.63163	14.29949	.00000	.00000	.00000	9.27088

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.981	-4.081	-286.39000	162.68400	507.52600	.00000	.00000	.00000	139.32500
.980	-1.928	-217.44100	178.83000	558.52900	.00000	.00000	.00000	142.63900
.978	-.014	-161.38700	196.85000	593.16200	.00000	.00000	.00000	152.79700
.979	2.026	-109.22500	222.65500	622.02100	.00000	.00000	.00000	178.01100
.979	3.994	-69.45420	261.43400	623.71200	.00000	.00000	.00000	208.33900
.979	5.991	-39.26610	275.34500	638.98900	.00000	.00000	.00000	214.24700
.979	7.940	-18.44430	284.42700	649.92800	.00000	.00000	.00000	223.32400
.980	9.961	-4.39492	291.63500	658.77000	.00000	.00000	.00000	230.02300
.980	11.932	.00000	289.54500	-1451.84000	.00000	.00000	.00000	233.84200
.979	13.945	-.79253	285.22000	666.18700	.00000	.00000	.00000	228.29400
.981	15.898	-7.85322	282.69700	664.44900	.00000	.00000	.00000	225.70100
.979	17.969	-24.56830	280.53500	646.09700	.00000	.00000	.00000	220.37000
	GRADIENT	26.98888	11.98324	14.76027	.00000	.00000	.00000	8.59651

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.051	-4.011	-253.75300	207.15800	478.49000	.00000	.00000	.00000	185.57500
1.050	-1.942	-194.16900	219.33900	525.09200	.00000	.00000	.00000	188.96100
1.049	-.019	-144.52800	235.84500	558.12700	.00000	.00000	.00000	195.73200
1.050	2.009	-98.12920	257.83000	583.34100	.00000	.00000	.00000	213.16600
1.048	4.018	-61.88910	289.90500	585.00600	.00000	.00000	.00000	243.85500
1.048	6.058	-34.87120	305.11400	596.21500	.00000	.00000	.00000	249.47400
1.049	7.995	-16.85920	311.52900	608.11100	.00000	.00000	.00000	256.10200
1.050	10.014	-4.25082	323.49400	610.95500	.00000	.00000	.00000	264.02600
1.049	11.998	-.43229	315.85400	619.81400	.00000	.00000	.00000	267.48400
1.049	13.933	-1.08072	313.47500	622.04400	.00000	.00000	.00000	261.21700
1.051	15.966	-7.13274	310.37600	621.69100	.00000	.00000	.00000	256.67800
1.050	17.958	-20.82180	307.27600	608.80200	.00000	.00000	.00000	252.28400
	GRADIENT	23.97882	10.19396	13.55929	.00000	.00000	.00000	7.03648

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.101	-3.861	-251.37500	259.56000	500.36500	.00000	.00000	.00000	239.82100
1.101	-1.934	-198.27600	272.31800	542.20700	.00000	.00000	.00000	238.66800
1.098	.011	-147.62600	285.22000	574.95400	.00000	.00000	.00000	240.32500
1.097	1.967	-102.95600	304.68200	598.66200	.00000	.00000	.00000	255.30900
1.098	4.069	-64.19470	339.78400	603.92100	.00000	.00000	.00000	291.40100
1.102	6.028	-37.17670	355.49800	618.92500	.00000	.00000	.00000	295.79500
1.101	7.940	-18.73240	359.89500	633.77200	.00000	.00000	.00000	303.36000
1.099	10.041	-6.26817	366.31000	635.62200	.00000	.00000	.00000	311.14000
1.101	11.953	-2.44963	364.94000	643.21000	.00000	.00000	.00000	315.24700
1.100	13.871	-3.17011	360.25500	647.97500	.00000	.00000	.00000	308.04200
1.101	15.911	-9.07803	355.85800	645.86400	.00000	.00000	.00000	303.28800
1.101	17.912	-22.76710	353.33500	635.99700	.00000	.00000	.00000	301.19900
	GRADIENT	23.73888	9.79425	13.27674	.00000	.00000	.00000	6.12525

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-3.928	-247.62900	277.36300	531.80800	.00000	.00000	.00000	255.67000
1.151	-1.962	-193.59300	291.70700	573.20000	.00000	.00000	.00000	256.60600
1.151	.008	-145.10400	303.16800	609.72800	.00000	.00000	.00000	251.13100
1.148	2.044	-101.44300	316.93500	637.32100	.00000	.00000	.00000	257.97500
1.149	4.047	-66.14000	354.20000	636.45900	.00000	.00000	.00000	300.40600
1.150	6.039	-38.90590	368.32800	649.26600	.00000	.00000	.00000	307.32200
1.149	7.933	-21.75850	371.64400	661.69800	.00000	.00000	.00000	316.39900
1.149	9.940	-10.01470	381.15800	664.02700	.00000	.00000	.00000	327.99800
1.149	11.887	-6.77250	377.84300	670.38500	.00000	.00000	.00000	339.23600
1.148	13.900	-6.41226	375.68000	673.00700	.00000	.00000	.00000	328.50200
1.150	15.857	-12.53630	373.51800	671.14600	.00000	.00000	.00000	324.03500
1.150	17.910	-24.64040	372.72500	658.73500	.00000	.00000	.00000	320.21700
1.148	18.951	-33.50230	372.07600	649.52100	.00000	.00000	.00000	318.99300
	GRADIENT	22.79378	9.97245	13.67933	.00000	.00000	.00000	4.57126

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.200	-4.012	-252.42400	290.35100	570.22500	.00000	.00000	.00000	253.87200
1.202	-1.980	-198.22000	303.66200	611.91800	.00000	.00000	.00000	252.21600
1.201	-.016	-151.00800	307.17200	654.72000	.00000	.00000	.00000	248.97600
1.201	2.000	-109.41700	319.45900	684.02400	.00000	.00000	.00000	263.44800
1.200	3.978	-76.83720	367.72900	667.43400	.00000	.00000	.00000	303.55200
1.201	6.018	-49.51890	380.16200	682.41900	.00000	.00000	.00000	312.33600
1.200	7.937	-31.78720	392.88800	688.32500	.00000	.00000	.00000	323.35200
1.202	9.993	-19.10120	403.63900	690.26000	.00000	.00000	.00000	345.09600
1.198	11.886	-15.49720	396.39800	698.50400	.00000	.00000	.00000	361.29600
1.196	13.858	-15.92970	395.74000	695.33000	.00000	.00000	.00000	340.92000
1.204	15.934	-18.45250	401.15200	697.99500	.00000	.00000	.00000	334.72800
1.202	17.947	-27.24620	402.10300	686.55100	.00000	.00000	.00000	332.64000
	GRADIENT	22.04735	8.53904	13.36369	.00000	.00000	.00000	5.53285

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	-4.010	-229.61700	260.56900	613.31500	.00000	.00000	.00000	122.46800
1.301	-1.957	-184.37100	284.86000	635.07000	.00000	.00000	.00000	161.00900
1.300	-.020	-145.75300	290.19400	668.05300	.00000	.00000	.00000	165.90800
1.299	1.989	-114.41200	305.04200	683.34600	.00000	.00000	.00000	185.07000
1.300	4.021	-86.81770	347.28100	669.40100	.00000	.00000	.00000	196.16500
1.299	6.015	-63.97850	367.60700	671.11400	.00000	.00000	.00000	210.78900
1.300	7.960	-45.75040	380.29300	680.85600	.00000	.00000	.00000	222.89100
1.300	9.999	-35.95190	394.27700	674.07100	.00000	.00000	.00000	252.06800
1.301	11.906	-34.43830	393.41200	675.84900	.00000	.00000	.00000	300.11800
1.300	13.940	-32.20540	391.39400	681.30100	.00000	.00000	.00000	287.87100
1.299	15.926	-39.84250	388.07800	677.07900	.00000	.00000	.00000	272.81500
1.299	17.954	-48.41620	385.48300	671.60100	.00000	.00000	.00000	292.91400
	GRADIENT	17.76900	9.69585	7.99876	.00000	.00000	.00000	8.58183

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.401	-4.020	-249.28600	145.02500	793.68900	.00000	.00000	.00000	94.87650
1.401	-1.993	-206.27300	156.05300	825.07400	.00000	.00000	.00000	84.64690
1.401	-.015	-169.88900	177.46100	841.75000	.00000	.00000	.00000	99.12690
1.402	1.977	-137.75600	201.46300	851.58100	.00000	.00000	.00000	118.57800
1.399	4.008	-104.97400	219.26700	861.95900	.00000	.00000	.00000	162.30600
1.400	6.072	-86.60160	229.57400	870.22400	.00000	.00000	.00000	166.19600
1.401	8.039	-75.55030	224.24100	888.70900	.00000	.00000	.00000	194.36400
1.400	10.071	-65.99590	264.10100	857.00300	.00000	.00000	.00000	217.77700
1.402	11.999	-62.24940	253.86500	874.18500	.00000	.00000	.00000	242.63000
1.401	14.063	-62.46550	265.68600	861.34800	.00000	.00000	.00000	239.02800
1.401	15.966	-65.77970	263.30800	860.91200	.00000	.00000	.00000	232.25700
1.399	18.004	-71.47150	282.91400	833.31500	.00000	.00000	.00000	219.79400
	GRADIENT	17.83401	9.67876	8.14310	.00000	.00000	.00000	8.43187

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.548	-3.908	-277.58000	118.99300	785.32700	.00000	.00000	.00000	67.60800
1.548	-1.851	-239.95400	132.96200	812.78400	.00000	.00000	.00000	58.32000
1.549	.114	-206.14900	137.20400	841.44800	.00000	.00000	.00000	85.89600
1.549	2.104	-181.35300	149.63700	852.41000	.00000	.00000	.00000	107.13600
1.550	4.150	-160.73800	185.91200	838.04900	.00000	.00000	.00000	152.71200
1.551	6.220	-143.79900	211.29100	832.21000	.00000	.00000	.00000	176.54400
1.552	8.091	-131.40200	226.21000	830.18800	.00000	.00000	.00000	194.25600
1.551	10.026	-122.53600	234.91400	826.95000	.00000	.00000	.00000	218.30400
1.547	11.923	-118.64400	236.37600	828.08000	.00000	.00000	.00000	224.42400
1.546	13.900	-114.24700	238.20500	830.54900	.00000	.00000	.00000	223.92000
1.552	15.908	-118.57200	240.18000	828.64900	.00000	.00000	.00000	224.28000
1.549	17.898	-125.63500	236.74200	822.72300	.00000	.00000	.00000	211.39200
	GRADIENT	14.56151	7.51167	7.21688	.00000	.00000	.00000	10.90593

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (XVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.202	-1.929	-35.95190	-4.25271	69.00120	.00000	.00000	.00000	-1.80100
.202	-.016	-26.00930	1.22536	72.96530	.00000	.00000	.00000	1.51284
.202	2.003	-17.00330	8.21711	74.67940	.00000	.00000	.00000	6.48359
.202	3.989	-10.44690	10.09120	79.96190	.00000	.00000	.00000	10.73390
.201	6.053	-5.04335	11.24450	83.71220	.00000	.00000	.00000	12.67900
	GRADIENT	4.32162	2.52834	1.74848	.00000	.00000	.00000	2.15446

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (XVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.250	-1.734	-35.82370	-3.80309	66.87960	.00000	.00000	.00000	-1.72800
.250	.144	-25.08380	1.75527	72.06100	.00000	.00000	.00000	2.08800
.251	2.144	-16.72250	7.60617	74.67140	.00000	.00000	.00000	5.47200
.250	4.009	-9.94703	10.38540	78.26780	.00000	.00000	.00000	10.08000
.250	6.242	-4.82936	11.26300	83.00780	.00000	.00000	.00000	12.31200
	GRADIENT	4.47152	2.52040	1.91002	.00000	.00000	.00000	2.01666

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.404	-1.870	-65.92380	-3.96439	128.14100	.00000	.00000	.00000	1.08060
.404	.085	-46.11060	3.82023	140.26900	.00000	.00000	.00000	6.26747
.405	2.152	-30.33220	14.63220	146.43600	.00000	.00000	.00000	1c.82310
.399	4.167	-17.57970	21.04730	147.07300	.00000	.00000	.00000	21.25180
.398	6.117	-9.07803	21.69600	155.12600	.00000	.00000	.00000	24.49360
	GRADIENT	7.96356	4.25623	3.11149	.00000	.00000	.00000	3.32594

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.599	-1.963	-140.49300	-4.39687	308.50400	.00000	.00000	.00000	13.90370
.599	.091	-96.61620	17.73160	329.95200	.00000	.00000	.00000	24.13340
.599	2.060	-63.76240	40.14850	339.58900	.00000	.00000	.00000	37.17260
.599	4.128	-37.39290	57.01520	348.69200	.00000	.00000	.00000	58.78450
.599	6.169	-18.44430	63.06990	362.98600	.00000	.00000	.00000	64.04350
	GRADIENT	16.90134	10.20514	6.43477	.00000	.00000	.00000	7.30014

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.800	-1.822	-180.98400	35.75160	494.36400	.00000	.00000	.00000	64.83590
.799	.082	-130.62300	57.44770	523.62900	.00000	.00000	.00000	76.36230
.800	2.136	-85.23270	91.68560	536.18200	.00000	.00000	.00000	90.04990
.800	4.197	-50.79370	123.04000	539.46600	.00000	.00000	.00000	119.73000
.800	6.281	-24.71240	129.74400	557.84400	.00000	.00000	.00000	130.17600
	GRADIENT	21.64049	14.74185	7.29626	.00000	.00000	.00000	8.89594

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (XVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.850	-1.940	-189.34200	54.63660	536.62100	.00000	.00000	.00000	86.30380
.850	.144	-132.64000	79.64830	568.11100	.00000	.00000	.00000	99.12690
.850	2.202	-86.81770	114.67900	577.90300	.00000	.00000	.00000	114.76000
.850	4.246	-52.09060	146.32200	580.98700	.00000	.00000	.00000	145.37700
.850	6.335	-25.28880	153.17000	603.04200	.00000	.00000	.00000	155.75000
	GRADIENT	22.20506	15.03691	6.94501	.00000	.00000	.00000	9.34597

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.900	-1.931	-190.85500	83.75680	57'.88800	.00000	.00000	.00000	116.41600
.900	.161	-135.37800	104.44400	606.57800	.00000	.00000	.00000	128.80700
.900	2.233	-88.04250	143.87100	615.08600	.00000	.00000	.00000	146.38500
.900	4.321	-52.30680	176.16300	617.83000	.00000	.00000	.00000	177.29000
.900	6.393	-25.21680	184.45200	636.63100	.00000	.00000	.00000	186.87200
	GRADIENT	22.23082	15.20108	7.02957	.00000	.00000	.00000	9.61245

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.950	-1.845	-190.92700	122.03100	602.14200	.00000	.00000	.00000	155.75000
.949	.191	-137.03500	140.62800	637.03700	.00000	.00000	.00000	167.20500
.949	2.270	-89.41140	179.69500	644.89300	.00000	.00000	.00000	187.01600
.949	4.361	-53.17130	214.79800	647.03100	.00000	.00000	.00000	216.69600
.949	6.385	-25.72110	222.00600	666.17300	.00000	.00000	.00000	224.98100
	GRADIENT	22.25892	15.34743	6.86394	.00000	.00000	.00000	9.80349

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.981	-1.847	-191.43100	145.74600	619.02300	.00000	.00000	.00000	180.89200
.979	.196	-138.62000	163.91000	652.07000	.00000	.00000	.00000	190.97800
.979	2.283	-90.20390	202.97700	661.91900	.00000	.00000	.00000	209.42000
.979	4.387	-52.95520	238.80100	662.94400	.00000	.00000	.00000	239.82100
.979	6.418	-26.08130	244.78300	682.73500	.00000	.00000	.00000	248.68200
	GRADIENT	22.30102	15.32137	6.78830	.00000	.00000	.00000	9.40497

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (XVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.049	-1.880	-171.11400	191.01200	573.67500	.00000	.00000	.00000	220.73000
1.048	.124	-124.78700	204.05800	607.25500	.00000	.00000	.00000	229.66300
1.051	2.223	-81.84640	234.62000	624.53400	.00000	.00000	.00000	247.09700
1.051	4.323	-48.92050	271.09200	620.98700	.00000	.00000	.00000	270.14900
1.051	6.472	-23.27150	278.01200	637.21700	.00000	.00000	.00000	280.95600
	GRADIENT	19.75894	13.10404	7.64626	.00000	.00000	.00000	8.01657

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.101	-1.920	-172.69900	240.53100	597.97000	.00000	.00000	.00000	274.68800
1.098	.082	-127.45300	249.39600	629.95100	.00000	.00000	.00000	280.16300
1.101	2.167	-84.15190	280.89500	646.05200	.00000	.00000	.00000	291.90600
1.100	4.279	-50.28940	319.17000	640.84100	.00000	.00000	.00000	317.91200
1.098	6.344	-26.36950	322.62900	658.60100	.00000	.00000	.00000	327.70900
	GRADIENT	19.83224	12.96742	6.94869	.00000	.00000	.00000	6.86160

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-1.979	-169.96100	251.55900	634.88000	.00000	.00000	.00000	293.77900
1.149	.012	-125.21900	258.55100	671.23000	.00000	.00000	.00000	295.21900
1.151	2.154	-84.87240	288.82400	684.10400	.00000	.00000	.00000	302.42300
1.149	4.267	-52.31110	326.95400	675.23400	.00000	.00000	.00000	330.51900
1.149	6.306	-29.25140	332.64900	694.00000	.00000	.00000	.00000	342.62200
	GRADIENT	18.74469	12.33031	6.34932	.00000	.00000	.00000	5.65387

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.201	-1.981	-170.89800	255.66700	677.23500	.00000	.00000	.00000	304.80100
1.199	.093	-125.79600	256.38800	717.71600	.00000	.00000	.00000	299.75800
1.198	2.179	-88.61890	287.95900	721.82200	.00000	.00000	.00000	299.83000
1.199	4.250	-57.85440	327.31500	715.23100	.00000	.00000	.00000	333.40100
1.199	6.371	-36.02390	340.79400	723.78200	.00000	.00000	.00000	347.80900
	GRADIENT	18.10776	11.86210	5.68245	.00000	.00000	.00000	4.12874

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (XVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.299	-1.929	-166.07000	116.76900	820.16000	.00000	.00000	.00000	269.86100
1.299	.039	-127.45300	136.44700	840.80000	.00000	.00000	.00000	267.62800
1.301	2.123	-97.04850	189.06600	820.96600	.00000	.00000	.00000	282.61200
1.300	4.246	-72.98450	234.26000	798.95600	.00000	.00000	.00000	327.13300
1.299	6.301	-54.75640	244.35100	806.69300	.00000	.00000	.00000	339.02000
	GRADIENT	14.99427	19.70385	-4.13124	.00000	.00000	.00000	9.14395

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.401	-2.028	-183.14600	89.37910	916.67500	.00000	.00000	.00000	156.61500
1.399	.076	-147.62600	109.77800	930.39600	.00000	.00000	.00000	176.21000
1.399	2.205	-118.23100	143.79900	925.97000	.00000	.00000	.00000	179.66800
1.398	4.281	-93.87840	175.73100	914.99100	.00000	.00000	.00000	191.91400
1.400	6.338	-78.46010	182.72300	925.71700	.00000	.00000	.00000	218.64100
	GRADIENT	14.11806	13.91814	-.44436	.00000	.00000	.00000	5.19142

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.549	-2.124	-226.95100	125.70700	833.54200	.00000	.00000	.00000	129.81600
1.550	-.045	-194.16900	128.87900	863.75200	.00000	.00000	.00000	139.25300
1.549	2.045	-168.66400	144.73600	873.09900	.00000	.00000	.00000	145.66500
1.549	4.167	-150.43600	163.18900	868.27500	.00000	.00000	.00000	178.29900
1.550	6.159	-136.24300	184.45200	864.20500	.00000	.00000	.00000	198.47000
	GRADIENT	12.15958	6.12716	5.40006	.00000	.00000	.00000	7.25664

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	8.038	-45.02990	275.20100	785.96900	.00000	.00000	.00000	325.04400
1.300	11.908	-33.07000	387.93400	683.19600	.00000	.00000	.00000	399.31700
1.299	15.903	-40.05860	352.39800	710.54300	.00000	.00000	.00000	344.71100
1.299	17.967	-48.41620	357.37200	698.11200	.00000	.00000	.00000	341.32500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.319	7.955	-46.68700	215.08600	859.22700	.00000	.00000	.00000	302.78400
1.319	11.997	-40.70700	292.21200	787.18100	.00000	.00000	.00000	401.83800
1.320	16.006	-43.80510	323.35000	756.74400	.00000	.00000	.00000	343.12600
1.320	18.010	-50.64970	335.74800	737.70200	.00000	.00000	.00000	336.64200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.340	7.977	-49.49690	176.66800	912.93500	.00000	.00000	.00000	282.61200
1.340	12.002	-45.53430	208.23900	886.52700	.00000	.00000	.00000	381.73900
1.337	16.034	-44.02130	256.89300	837.28600	.00000	.00000	.00000	345.57500
1.335	18.010	-56.98990	291.20300	788.40700	.00000	.00000	.00000	333.40100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.360	7.980	-59.51160	180.63200	917.95600	.00000	.00000	.00000	270.87000
1.360	11.974	-47.62360	201.17500	905.10100	.00000	.00000	.00000	303.50400
1.360	16.056	-53.09930	246.51300	856.98800	.00000	.00000	.00000	305.23300
1.361	17.986	-61.31270	259.70400	835.78300	.00000	.00000	.00000	298.89300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.378	7.985	-61.45680	185.46200	924.88100	.00000	.00000	.00000	255.59800
1.380	11.946	-51.94650	199.44500	922.40800	.00000	.00000	.00000	278.43400
1.381	16.045	-58.28670	217.75300	894.36000	.00000	.00000	.00000	283.40500
1.381	17.961	-64.26670	221.57400	888.56000	.00000	.00000	.00000	283.62100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.400	7.991	-67.43680	196.99400	923.56900	.00000	.00000	.00000	210.21200
1.400	11.952	-61.88910	205.57200	920.33900	.00000	.00000	.00000	250.41100
1.401	16.014	-65.56360	207.66200	916.37400	.00000	.00000	.00000	253.36400
1.399	17.971	-72.76840	205.50000	911.03100	.00000	.00000	.00000	247.09700
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.450	7.985	-89.48350	208.88800	928.72900	.00000	.00000	.00000	213.67000
1.449	11.857	-80.98180	218.83500	925.68400	.00000	.00000	.00000	256.60600
1.451	16.025	-84.80040	220.85300	920.94700	.00000	.00000	.00000	260.78400
1.451	18.092	-94.59890	216.81600	914.58500	.00000	.00000	.00000	246.30400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.201	-1.766	8.72167	-4.75386	112.57500	.00000	.00000	.00000	-4.60800
.201	2.228	-17.73170	7.67931	74.58910	.00000	.00000	.00000	4.89600
.201	6.192	-5.33392	11.04360	82.72240	.00000	.00000	.00000	11.80800
.201	10.191	.14416	12.57940	86.66480	.00000	.00000	.00000	13.89600
.200	14.198	-.93704	11.55550	85.30710	.00000	.00000	.00000	12.96000
.201	18.204	-7.78463	8.55694	82.25850	.00000	.00000	.00000	9.79200
	GRADIENT	-6.62439	3.11348	-9.51234	.00000	.00000	.00000	2.37997

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.397	-1.964	-67.39470	-4.90013	122.00500	.00000	.00000	.00000	-3.09600
.399	2.089	-30.56190	14.84670	140.69100	.00000	.00000	.00000	10.58400
.400	6.076	-8.79375	22.52600	154.98000	.00000	.00000	.00000	24.19200
.399	10.062	-.43248	25.59770	160.37000	.00000	.00000	.00000	27.64800
.399	14.055	-1.22536	22.67220	162.10200	.00000	.00000	.00000	26.20800
.398	18.049	-12.90230	18.13780	154.16000	.00000	.00000	.00000	20.37600
	GRADIENT	9.08685	4.87165	4.60993	.00000	.00000	.00000	3.37493

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.599	-1.951	-145.74600	-.36568	297.22000	.00000	.00000	.00000	7.77600
.600	2.115	-65.59280	41.10260	338.70500	.00000	.00000	.00000	34.05600
.601	6.089	-19.46160	63.70170	363.83700	.00000	.00000	.00000	64.72800
.600	10.078	-1.00912	70.72280	372.56800	.00000	.00000	.00000	72.07200
.600	14.086	-2.45072	66.62710	375.02200	.00000	.00000	.00000	69.69600
.598	18.076	-26.23710	54.55960	360.80300	.00000	.00000	.00000	59.25600
	GRADIENT	19.71473	10.19967	10.20378	.00000	.00000	.00000	6.46391

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.699	-1.936	-172.70400	14.04220	389.25400	.00000	.00000	.00000	25.70400
.702	2.061	-79.57630	61.06880	439.35500	.00000	.00000	.00000	53.56800
.703	6.114	-22.84930	91.34720	465.30300	.00000	.00000	.00000	93.38400
.701	10.066	-1.29744	99.75790	477.04500	.00000	.00000	.00000	103.03200
.700	14.084	-2.73904	96.39360	478.16700	.00000	.00000	.00000	100.29600
.697	18.070	-29.33650	83.15590	460.40800	.00000	.00000	.00000	88.56000
	GRADIENT	23.30243	11.76700	12.53628	.00000	.00000	.00000	6.97214

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.801	-1.983	-190.57900	38.32340	487.59700	.00000	.00000	.00000	53.56800
.800	1.919	-90.24410	88.05610	534.10000	.00000	.00000	.00000	84.31200
.800	5.912	-27.46250	128.79300	555.74400	.00000	.00000	.00000	130.82400
.800	9.967	-1.58576	137.56900	573.54500	.00000	.00000	.00000	142.70400
.800	13.967	-2.52280	135.81400	573.56300	.00000	.00000	.00000	140.90400
.799	18.030	-30.56190	126.08700	553.85100	.00000	.00000	.00000	130.53600
	GRADIENT	25.71582	12.74648	11.91871	.00000	.00000	.00000	7.87968

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
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SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.900	-1.953	-197.21100	88.71430	561.27500	.00000	.00000	.00000	105.62400
.900	1.965	-95.28970	139.98300	611.82700	.00000	.00000	.00000	139.10400
.900	5.944	-29.19240	187.74100	632.16700	.00000	.00000	.00000	188.13600
.900	9.984	-2.01824	195.34700	650.93500	.00000	.00000	.00000	200.73600
.900	13.992	-2.30656	194.98100	649.61200	.00000	.00000	.00000	201.24000
.900	17.996	-30.77810	190.22700	626.29400	.00000	.00000	.00000	191.37600
	GRADIENT	26.01819	13.08773	12.90477	.00000	.00000	.00000	8.54668

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.950	-1.973	-200.45400	124.55100	589.59400	.00000	.00000	.00000	143.13600
.950	1.989	-97.16380	175.01500	643.22100	.00000	.00000	.00000	176.25600
.950	6.006	-29.62480	221.82200	661.85300	.00000	.00000	.00000	226.80000
.950	9.980	-2.23448	232.86600	680.20000	.00000	.00000	.00000	239.40000
.950	14.007	-2.16240	232.42700	681.11000	.00000	.00000	.00000	239.32800
.950	17.985	-29.84110	227.38100	656.37800	.00000	.00000	.00000	229.03200
	GRADIENT	26.06982	12.73681	13.53513	.00000	.00000	.00000	8.35929

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.980	-2.021	-201.24700	148.39300	604.45900	.00000	.00000	.00000	168.55200
.979	2.041	-96.55920	197.83400	658.40700	.00000	.00000	.00000	200.80800
.980	6.025	-29.91320	245.66500	678.02200	.00000	.00000	.00000	250.70400
.980	9.996	-2.16240	256.26900	695.66800	.00000	.00000	.00000	262.80000
.980	14.003	-2.09032	254.73400	696.67600	.00000	.00000	.00000	263.88000
.980	18.003	-29.48070	251.29600	673.32300	.00000	.00000	.00000	252.57600
	GRADIENT	25.74944	12.17234	13.28196	.00000	.00000	.00000	7.94140

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.050	-1.995	-177.74900	197.24900	562.70300	.00000	.00000	.00000	211.60800
1.049	2.060	-84.47770	234.10900	618.11300	.00000	.00000	.00000	242.56800
1.049	6.072	-25.58840	279.45400	631.95800	.00000	.00000	.00000	283.60800
1.050	10.045	-2.01824	288.37600	648.30500	.00000	.00000	.00000	295.20000
1.050	14.074	-2.16240	287.42600	649.01200	.00000	.00000	.00000	293.83200
1.049	18.029	-26.38130	278.86800	631.15000	.00000	.00000	.00000	282.88800
	GRADIENT	23.00320	9.09066	13.66559	.00000	.00000	.00000	7.63556

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.100	-2.011	-178.47000	243.47100	572.26000	.00000	.00000	.00000	254.73600
1.099	2.052	-87.72130	275.21200	631.76700	.00000	.00000	.00000	282.09600
1.100	6.005	-29.26450	324.06700	641.96900	.00000	.00000	.00000	324.07200
1.100	10.024	-4.46896	329.33300	660.29900	.00000	.00000	.00000	334.00800
1.100	14.083	-4.32480	327.57700	661.99800	.00000	.00000	.00000	332.78400
1.100	18.076	-26.95790	322.67700	643.56500	.00000	.00000	.00000	321.98400
	GRADIENT	22.33649	7.81259	14.64679	.00000	.00000	.00000	6.73427

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.148	-1.987	-176.74000	259.41400	611.14500	.00000	.00000	.00000	275.32800
1.149	2.086	-88.37000	284.20800	673.42200	.00000	.00000	.00000	291.52800
1.151	6.046	-32.72430	337.74300	682.53200	.00000	.00000	.00000	340.34400
1.151	10.040	-9.87495	346.00800	693.41700	.00000	.00000	.00000	350.78400
1.150	14.088	-8.50543	348.93300	689.26100	.00000	.00000	.00000	354.45600
1.150	18.062	-28.25530	345.78800	674.25600	.00000	.00000	.00000	344.52000
	GRADIENT	21.69872	6.08802	15.29174	.00000	.00000	.00000	3.97781

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.200	-1.998	-176.45200	255.83100	670.01800	.00000	.00000	.00000	286.20000
1.200	2.045	-94.56890	278.06400	727.86700	.00000	.00000	.00000	293.04000
1.199	6.060	-41.37390	343.52100	715.40500	.00000	.00000	.00000	345.52800
1.199	10.055	-17.65960	359.24500	723.19500	.00000	.00000	.00000	363.81600
1.200	14.080	-16.50630	363.41400	719.58000	.00000	.00000	.00000	372.88800
1.200	18.036	-32.65220	361.00000	706.64700	.00000	.00000	.00000	360.86400
	GRADIENT	20.24815	5.49780	14.30497	.00000	.00000	.00000	1.69140

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	-1.999	-172.55900	159.51000	769.23000	.00000	.00000	.00000	267.55200
1.300	2.014	-104.37200	234.84100	763.08800	.00000	.00000	.00000	265.96800
1.300	5.952	-57.30360	292.32500	753.37100	.00000	.00000	.00000	322.84800
1.300	9.980	-37.55360	335.98800	729.25900	.00000	.00000	.00000	341.28000
1.300	14.018	-35.60750	376.14000	689.35300	.00000	.00000	.00000	387.14400
1.300	18.041	-49.30270	359.68400	693.31300	.00000	.00000	.00000	344.88000
	GRADIENT	16.99318	18.77357	-1.53068	.00000	.00000	.00000	-.39476

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.550	-1.888	-231.30500	118.04200	830.45400	.00000	.00000	.00000	111.16800
1.550	2.047	-176.95600	139.17800	868.96600	.00000	.00000	.00000	135.14400
1.550	6.027	-138.61000	186.42400	858.56600	.00000	.00000	.00000	192.09600
1.549	10.107	-121.95900	207.41400	854.12600	.00000	.00000	.00000	239.25600
1.550	14.069	-114.67900	220.65200	851.26900	.00000	.00000	.00000	263.66400
1.549	18.098	-128.30200	219.11600	836.58100	.00000	.00000	.00000	241.99200
	GRADIENT	13.81085	5.37096	9.78644	.00000	.00000	.00000	6.09264

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.219	8.054	-26.23710	359.90400	644.85900	.00000	.00000	.00000	293.47200
1.219	11.957	-17.44330	371.38600	644.37100	.00000	.00000	.00000	349.99200
1.220	16.095	-20.75900	373.87300	638.96900	.00000	.00000	.00000	293.97600
1.218	18.084	-30.12940	372.62900	627.34100	.00000	.00000	.00000	290.59200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.240	8.054	-33.94960	366.99800	654.15300	.00000	.00000	.00000	280.29600
1.240	11.968	-19.96610	372.70200	657.13100	.00000	.00000	.00000	364.96800
1.238	15.977	-24.29090	377.52900	649.38000	.00000	.00000	.00000	296.28000
1.239	18.079	-34.83670	379.65000	641.26300	.00000	.00000	.00000	294.98400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.260	8.045	-39.71600	373.94600	658.33800	.00000	.00000	.00000	245.37600
1.259	11.981	-26.45330	387.03700	658.61000	.00000	.00000	.00000	373.10400
1.258	15.984	-28.97610	388.13400	648.19000	.00000	.00000	.00000	272.37600
1.258	18.096	-39.21150	388.86500	642.22300	.00000	.00000	.00000	282.81600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.280	8.039	-44.54540	379.35800	662.49700	.00000	.00000	.00000	217.87200
1.280	11.999	-31.42680	394.35100	661.52200	.00000	.00000	.00000	278.13600
1.280	15.970	-33.58920	397.71500	656.29600	.00000	.00000	.00000	245.08800
1.279	18.105	-43.60840	397.56900	645.62300	.00000	.00000	.00000	266.32800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0. RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	8.026	-50.45600	382.94100	672.50300	.00000	.00000	.00000	196.41600
1.300	11.917	-34.95880	403.56600	670.47500	.00000	.00000	.00000	203.68800
1.300	15.977	-38.77900	404.73600	662.88500	.00000	.00000	.00000	230.61600
1.301	18.072	-46.27530	403.63900	655.98600	.00000	.00000	.00000	250.92000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.320	8.006	-52.40210	380.45500	689.54300	.00000	.00000	.00000	188.28000
1.321	12.016	-39.57190	410.73300	676.69500	.00000	.00000	.00000	210.24000
1.319	15.986	-42.02260	405.10200	669.67600	.00000	.00000	.00000	215.56800
1.321	18.067	-49.15850	404.59000	664.95100	.00000	.00000	.00000	224.42400
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.341	8.001	-52.69040	358.22100	731.38800	.00000	.00000	.00000	194.32800
1.340	12.007	-42.74340	418.70500	674.05200	.00000	.00000	.00000	214.12800
1.340	15.979	-43.53630	412.48900	680.97500	.00000	.00000	.00000	213.33600
1.340	18.098	-52.54630	411.39100	674.46200	.00000	.00000	.00000	209.44800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (XVR010) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.360	7.994	-61.26800	301.68700	790.64500	.00000	.00000	.00000	197.06400
1.360	11.935	-48.07730	431.94300	678.88000	.00000	.00000	.00000	225.00000
1.360	15.984	-48.00520	411.46500	698.13000	.00000	.00000	.00000	216.86400
1.360	18.040	-58.38480	411.83000	687.48500	.00000	.00000	.00000	200.52000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.380	7.981	-64.15120	236.45000	870.19900	.00000	.00000	.00000	199.00800
1.379	11.967	-51.03260	390.54800	729.92000	.00000	.00000	.00000	232.34400
1.381	15.941	-56.58280	413.29300	705.72400	.00000	.00000	.00000	222.55200
1.381	18.045	-62.70950	406.49100	704.79900	.00000	.00000	.00000	203.25600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.401	7.957	-71.07080	220.06700	897.66200	.00000	.00000	.00000	205.77600
1.400	11.908	-63.57450	321.28800	805.43800	.00000	.00000	.00000	230.83200
1.399	15.912	-65.73690	353.46800	764.09500	.00000	.00000	.00000	217.00800
1.401	18.020	-72.22410	371.53200	738.94400	.00000	.00000	.00000	197.13600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.450	7.958	-93.41560	232.93900	903.44500	.00000	.00000	.00000	224.56800
1.450	11.985	-81.16200	248.00500	896.13300	.00000	.00000	.00000	241.12800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.450	16.008	-84.18940	272.72500	867.88500	.00000	.00000	.00000	229.68000
1.449	17.954	-91.75780	285.15800	848.08400	.00000	.00000	.00000	213.76800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.200	-1.724	-37.15000	-2.30681	64.35670	-158.10600	-169.56100	87.74470	.00000
.202	.162	-26.83460	2.59517	70.47020	-135.76200	-153.96900	81.69330	.00000
.202	2.150	-18.10610	8.14594	73.14820	-117.87200	-143.79100	73.48080	.00000
.200	4.102	-11.18110	10.23650	77.68240	-97.18770	-133.39700	62.89090	.00000
.199	6.155	-5.55447	11.10150	81.24410	-72.64090	-119.32100	51.22040	.00000
.200	8.172	-1.80340	11.31780	85.37890	-46.07860	-105.24500	39.33380	.00000
.200	10.191	-.28854	12.61540	84.99610	-21.15060	-92.25160	26.79890	.00000
.200	12.186	.00000	12.75960	-3590.95999	3.17920	-80.12460	14.69620	.00000
.200	14.194	-.72136	11.60620	86.67260	28.19190	-68.43080	2.37732	.00000
.199	16.200	-3.10185	8.50638	85.79150	54.06370	-56.08720	-12.75110	.00000
	GRADIENT	4.44671	2.21681	2.18747	10.30106	6.08832	-4.25515	.00000

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.250	-3.986	-51.46510	-5.85090	52.58590	-178.36200	-184.07300	92.48900	.00000
.251	-2.079	-39.42770	-2.55977	61.93210	-160.04500	-170.46200	88.38310	.00000
.251	-.007	-27.82290	2.41350	68.76370	-136.94200	-154.47400	81.46810	.00000
.252	1.932	-18.30830	7.82558	73.16630	-116.76400	-142.15900	73.90470	.00000
.253	3.917	-11.46070	11.11670	78.02220	-96.66630	-132.65300	64.61260	.00000
.254	5.951	-5.98264	12.06750	82.74980	-73.77860	-120.98700	53.59170	.00000
.253	7.977	-2.37864	12.36000	85.56150	-47.05370	-106.72800	40.62600	.00000
.252	10.002	-.43248	12.94510	86.02220	-20.72880	-92.25240	27.87630	.00000
.251	11.976	.00000	13.38390	-2296.28000	2.78735	-80.36980	15.34280	.00000
.252	13.990	-.50456	11.40930	87.18600	28.88380	-67.83900	2.37705	.00000
.253	16.030	-2.81112	9.28831	87.70070	55.51270	-56.17240	-11.88530	.00000
	GRADIENT	5.10288	2.23716	3.13279	10.43113	6.61922	-3.54488	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.399	-1.885	-66.65360	-1.44176	119.98800	-292.83400	-312.70200	165.33200	.00000
.399	.013	-47.32120	5.98330	133.09500	-252.89500	-285.63300	153.66100	.00000
.401	1.980	-31.73980	15.28260	140.67700	-218.27600	-267.44300	138.53300	.00000
.400	3.996	-19.11600	22.41930	145.56500	-181.01200	-246.22100	121.89200	.00000
.401	5.974	-9.66622	23.71690	153.91700	-138.19100	-223.26600	102.22500	.00000
.400	8.006	-3.60680	23.14020	159.95300	-90.11380	-198.14600	78.66760	.00000
.401	10.007	-.43282	26.02370	160.74300	-41.58640	-173.89200	54.89450	.00000
.400	12.047	.07214	26.38420	160.28800	6.70532	-149.42200	30.47290	.00000
.399	14.037	-.72136	23.57280	161.80600	51.63550	-127.11700	7.34808	.00000
.399	16.028	-4.68884	19.10330	162.10800	99.45850	-104.81200	-18.37020	.00000
	GRADIENT	8.05534	4.12363	4.28602	18.86458	11.08661	-7.42351	.00000

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.600	-1.874	-142.32400	10.66900	292.70700	-682.18900	-735.84700	392.04200	.00000
.600	.028	-100.91800	25.51910	318.86300	-579.13400	-661.35300	363.08100	.00000
.601	2.030	-67.01430	43.03650	336.74900	-493.46700	-612.84500	327.42200	.00000
.601	4.126	-39.74690	58.67960	347.77300	-404.06200	-563.25400	287.00700	.00000
.602	6.079	-20.41450	65.23960	362.04600	-305.20500	-512.14800	240.75800	.00000
.602	8.055	-7.35787	68.62770	372.01400	-199.97500	-456.06100	191.91500	.00000
.601	10.054	-.72136	71.58330	374.19500	-93.30250	-399.75700	140.04600	.00000
.601	12.077	.79350	71.00660	376.68700	11.59130	-346.05200	89.25750	.00000
600	14.076	-1.08204	66.46510	378.15300	116.60800	-294.94500	34.14690	.00000
.600	16.039	-8.15137	55.94020	381.30800	220.36100	-245.13800	-20.09920	.00000
	GRADIENT	17.03981	8.07581	9.11342	45.94830	28.24089	-17.55805	.00000

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.700	-2.035	-175.21800	23.14020	374.94100	-873.12300	-938.97400	507.44900	.00000
.699	.139	-120.53900	42.53190	412.32900	-729.47200	-854.81200	470.06100	.00000
.700	2.072	-81.15300	62.21190	433.83500	-630.73900	-778.94100	428.99800	.00000
.701	4.008	-50.49520	82.75700	445.24800	-519.96200	-718.52300	379.93900	.00000
.701	6.043	-25.46400	92.27260	459.96400	-390.29400	-645.11100	322.88300	.00000
.701	8.045	-9.08913	97.17450	471.53600	-260.37900	-573.43200	264.74700	.00000
.701	10.045	-.03777	99.26510	478.69700	-131.85000	-506.51700	204.23300	.00000
.699	12.024	1.08204	99.69760	476.48500	-5.19678	-439.81900	140.47800	.00000
.699	14.070	-1.00990	94.00270	479.98800	132.29100	-372.03800	70.67120	.00000
.698	16.050	-8.51205	87.01010	479.37800	261.85100	-310.32000	1.72896	.00000
	GRADIENT	20.67200	9.88465	11.65615	57.81671	35.88243	-21.06547	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.800	-3.954	-257.25300	38.68910	416.65800	-1107.75000	-1158.88000	661.46900	.00000
.800	-1.973	-195.33700	49.51320	468.15000	-1038.64000	-1124.53000	627.11000	.00000
.800	-.059	-142.50200	67.72420	501.17400	-882.94600	-1010.89000	583.45800	.00000
.800	1.946	-94.92930	92.95620	522.81400	-731.10400	-915.17800	526.62500	.00000
.800	3.976	-58.09640	121.18700	532.41700	-600.46300	-837.18500	474.97800	.00000
.799	6.001	-30.41770	132.15700	548.32500	-448.93500	-749.68600	410.15000	.00000
.800	7.989	-12.18150	138.00800	562.01000	-306.32600	-672.12500	346.40100	.00000
.800	9.976	-2.37864	139.61700	569.70400	-153.84800	-590.67500	274.87400	.00000
.800	12.010	.28832	140.27500	572.01300	5.69678	-512.03300	194.27000	.00000
.800	14.004	-.86496	136.03300	575.00200	156.19900	-439.22500	116.47600	.00000
.800	15.992	-8.64959	131.20600	571.14400	308.92700	-364.47300	37.60060	.00000
	GRADIENT	25.19207	10.55061	14.43597	66.84425	43.10040	-23.94930	.00000

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.850	-4.019	-262.94800	58.94780	460.20500	-1184.31000	-1241.63000	724.78500	.00000
.849	-2.012	-199.08500	69.99140	511.42400	-1091.49001	-1188.05000	683.94300	.00000
.850	-.045	-144.66400	89.29340	546.13600	-931.78900	-1071.81000	640.07500	.00000
.850	1.982	-96.01050	116.57900	566.61000	-772.80100	-967.46200	584.53900	.00000
.850	3.930	-60.25880	147.15000	573.89100	-632.63400	-886.01200	527.92200	.00000
.850	5.964	-31.06650	157.75500	591.87800	-473.12800	-792.46300	461.36400	.00000
.850	7.991	-12.18150	162.50900	605.40900	-315.13300	-704.96400	390.26900	.00000
.850	9.991	-2.45072	166.23900	612.21000	-159.62600	-623.94600	316.58000	.00000
.850	12.013	.21624	166.01900	615.79700	10.04220	-540.11900	231.43900	.00000
.849	14.018	-.79288	161.33900	617.86900	166.60700	-461.91000	151.48300	.00000
.850	16.010	-9.22623	157.68200	612.29200	323.75500	-383.70100	71.74380	.00000
	GRADIENT	25.56841	11.20609	14.21504	71.48244	46.84253	-24.78769	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.899	-1.933	-199.09500	96.59780	562.30700	-1133.42999	-1239.12000	752.31300	.00000
.900	-.054	-148.02300	114.90800	594.86900	-997.50400	-1146.00000	709.30500	.00000
.900	1.933	-99.33120	142.87800	614.69100	-824.40400	-1026.24001	655.05900	.00000
.900	3.933	-61.17130	180.14800	617.48100	-671.68900	-936.37500	594.11400	.00000
.900	5.933	-32.17260	191.17700	635.55000	-508.22700	-840.65900	526.46800	.00000
.899	7.938	-12.62380	193.77200	650.90400	-347.77900	-753.82100	451.25800	.00000
.900	9.976	-1.87554	197.16100	659.46400	-184.31300	-665.46700	377.34500	.00000
.900	11.997	1.22631	197.66500	662.26100	-10.17990	-579.27900	289.60100	.00000
.900	14.015	-.36058	193.26800	665.07200	157.05000	-494.82300	206.82700	.00000
.900	15.994	-8.51205	189.01500	659.67300	309.80200	-415.34900	132.04900	.00000
.900	18.001	-27.62810	183.75200	646.42000	485.17900	-339.33800	33.28250	.00000
	GRADIENT	23.58992	14.25301	9.41599	79.59089	52.48667	-27.02597	.00000

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.950	-3.991	-266.04700	127.84200	521.61100	-1266.34000	-1332.80000	849.04000	.00000
.950	-2.011	-204.85100	137.49600	572.85300	-1154.07001	-1260.42000	808.84600	.00000
.950	.026	-149.42200	152.48900	614.38900	-998.70000	-1155.64000	759.36000	.00000
.951	1.927	-103.07400	179.76900	633.45700	-831.46800	-1040.27000	707.49700	.00000
.950	3.960	-63.93490	216.63000	635.43600	-672.95800	-945.85700	643.10100	.00000
.950	5.989	-33.80550	229.79400	652.50000	-509.07800	-852.52500	572.65400	.00000
.950	7.985	-13.62310	233.08500	668.19100	-344.98600	-760.70400	499.18100	.00000
.949	9.968	-2.31112	235.64500	675.94400	-179.11100	-672.98900	420.52200	.00000
.950	12.032	.14416	236.52300	678.72200	3.08536	-581.60100	330.41000	.00000
.950	14.000	-.72080	232.13500	681.94500	162.25000	-501.01500	251.53500	.00000
.950	15.959	-8.43335	228.18500	678.28100	328.51000	-422.15700	164.23300	.00000
.950	18.010	-27.17410	221.89500	662.93000	491.98600	-341.78800	78.22670	.00000
	GRADIENT	25.50518	11.07592	14.53548	76.05699	50.08380	-25.86691	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.978	-1.951	-202.84600	158.44900	596.60400	-1161.75999	-1272.47000	847.19000	.00000
.979	.004	-148.88900	175.10200	633.71000	-1025.83000	-1178.70000	804.83100	.00000
.980	1.929	-102.50500	203.57600	653.81900	-850.06900	-1063.28000	746.69400	.00000
.980	3.952	-63.69610	240.26900	657.43500	-691.91000	-969.07500	684.23600	.00000
.980	5.970	-33.90390	250.65000	676.14600	-528.38600	-874.44100	614.64500	.00000
.979	7.957	-13.85010	254.47000	690.58000	-359.26400	-780.67400	537.49000	.00000
.977	9.994	-2.52476	254.90300	698.87200	-185.97400	-688.42200	453.85200	.00000
.980	12.005	.79350	257.85800	702.13500	-16.49340	-604.39900	371.29400	.00000
.977	13.977	-.43232	252.23600	705.43100	153.09600	-518.86100	286.14300	.00000
.978	16.022	-8.80059	248.70300	700.09600	317.66100	-436.35400	203.58500	.00000
.978	18.021	-27.19530	244.37800	689.72700	490.09100	-358.17900	113.03100	.00000
	GRADIENT	23.60699	13.96602	10.28827	80.73053	52.21399	-27.86900	.00000

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.050	-4.011	-236.63800	197.83400	503.82800	-1152.59000	-1219.16000	871.73000	.00000
1.050	-2.006	-181.64100	207.85300	548.90500	-1045.53999	-1150.02000	833.91300	.00000
1.050	-.055	-133.99700	217.87300	586.33100	-916.74500	-1066.63000	788.31700	.00000
1.050	1.946	-91.82990	239.22900	606.84100	-754.13400	-955.36300	736.67000	.00000
1.050	3.967	-56.72690	274.11500	607.15800	-612.94200	-870.88900	680.05300	.00000
1.050	5.950	-30.63400	285.23100	623.53500	-466.77600	-788.14200	618.03400	.00000
1.050	8.010	-12.32570	288.01000	637.56400	-313.13800	-703.23600	547.80200	.00000
1.050	9.991	-2.95528	290.86300	644.48200	-161.70400	-626.32300	473.68200	.00000
1.050	11.987	.14416	291.08200	646.96200	-3.50630	-544.00800	397.40000	.00000
1.050	14.029	-1.00912	286.98700	651.50400	146.31700	-469.47200	323.71100	.00000
1.049	15.995	-7.49632	281.20900	649.39500	291.41500	-401.41700	245.26900	.00000
1.050	17.990	-22.84930	277.47900	639.57200	442.30400	-327.52800	170.06700	.00000
	GRADIENT	22.57663	9.25051	13.27100	68.85496	44.76551	-24.14430	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.101	-1.969	-180.77300	246.75700	569.37000	-1040.60001	-1148.60001	888.90100	.00000
1.099	.055	-131.07100	255.11900	605.70900	-921.82700	-1073.24001	840.49000	.00000
1.099	2.012	-90.81920	275.73600	626.84400	-767.97400	-971.02400	790.35100	.00000
1.101	4.037	-57.49240	311.42000	628.18800	-626.65200	-886.13500	737.61700	.00000
1.098	6.006	-31.73980	318.41200	642.24800	-480.54300	-799.51400	673.43000	.00000
1.101	8.047	-15.29280	323.38600	662.82100	-331.03300	-725.23600	607.29700	.00000
1.098	10.017	-4.76097	328.79300	673.24600	-179.48100	-647.92700	538.35500	.00000
1.102	12.052	-2.88544	329.94600	676.96800	-29.58150	-570.83400	468.54900	.00000
1.099	14.010	-3.60630	323.31400	679.97900	129.11600	-492.65800	385.12300	.00000
1.100	16.025	-9.66622	319.71000	678.92400	268.76000	-421.41200	318.12300	.00000
1.100	18.045	-24.45410	314.66400	670.08200	418.06100	-349.94900	241.19300	.00000
	GRADIENT	20.52979	10.74413	9.88946	69.85186	44.51859	-25.22979	.00000

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-3.934	-229.07000	257.43900	562.29000	-1145.38000	-1228.23000	965.94800	.00000
1.150	-1.988	-180.12800	268.41000	604.06200	-1040.67999	-1162.99001	930.29200	.00000
1.148	.000	-132.12300	272.94400	634.73300	-900.93500	-1067.92000	872.81100	.00000
1.150	1.998	-93.48770	290.05800	663.75400	-756.23400	-978.04800	825.48600	.00000
1.150	4.013	-60.40300	331.23400	661.06300	-615.57600	-895.95000	772.32600	.00000
1.150	6.026	-34.81460	337.01200	671.07300	-462.02900	-803.05000	701.87900	.00000
1.149	8.010	-18.88490	343.08200	683.43300	-321.89200	-729.37700	637.91500	.00000
1.149	10.080	-9.29831	347.76300	690.93900	-164.36900	-650.52000	561.84900	.00000
1.150	12.022	-6.70344	350.83400	694.56200	-22.63130	-580.30400	494.42700	.00000
1.146	14.094	-6.41512	342.71700	693.76800	126.11600	-497.55800	419.22600	.00000
1.147	16.036	-12.03740	340.08300	693.97900	272.35700	-429.71900	344.02400	.00000
1.149	18.044	-24.65130	339.20600	686.14300	414.11000	-360.36800	275.52200	.00000
	GRADIENT	21.31543	8.53045	12.91543	67.62992	42.74077	-24.75869	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.199	-1.874	-175.79500	271.62700	658.17700	-1001.28000	-1150.11000	956.76300	.00000
1.200	.013	-134.89400	275.37600	699.83000	-902.65400	-1095.11000	917.64500	.00000
1.199	2.024	-97.45570	287.84700	721.89700	-760.78200	-1001.34000	866.64100	.00000
1.198	4.065	-65.49950	332.75800	707.74300	-618.51700	-912.55400	811.96200	.00000
1.200	5.985	-41.40610	347.10300	719.79100	-479.04000	-833.94600	753.39400	.00000
1.198	8.062	-25.31970	358.13300	725.74700	-335.34900	-758.15200	686.39700	.00000
1.198	10.072	-16.01420	364.18800	727.99700	-186.63600	-679.32700	615.51000	.00000
1.198	12.020	-13.99440	365.84600	726.56000	-44.35550	-606.99800	543.75800	.00000
1.201	13.911	-15.58140	362.67400	732.24400	90.85350	-536.61800	483.02800	.00000
1.199	16.059	-19.26030	360.58400	726.55600	236.34700	-459.52500	410.62800	.00000
1.200	18.069	-30.22500	356.54700	722.52800	378.67800	-392.39400	338.22800	.00000
	GRADIENT	18.55155	9.94930	8.50347	65.13715	40.73183	-24.50352	.00000

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.301	-2.099	-176.08400	127.88400	811.43200	-919.15000	-1079.08000	955.46600	.00000
1.299	-.054	-134.17300	152.39400	828.23300	-810.48100	-1015.20000	910.08100	.00000
1.300	1.992	-103.22700	197.16100	816.31300	-688.26700	-939.40700	865.56000	.00000
1.301	3.918	-81.94650	242.36000	794.19400	-573.29700	-869.67700	822.12000	.00000
1.299	6.013	-59.72860	256.56100	799.41000	-441.73300	-793.01700	764.41600	.00000
1.300	7.959	-45.15710	251.51500	821.62800	-324.24500	-728.91700	713.62800	.00000
1.301	9.958	-37.00580	272.92500	808.16900	-192.69600	-662.86900	647.92700	.00000
1.299	12.010	-32.17260	325.26100	758.66600	-65.31860	-593.78800	587.63000	.00000
1.299	14.013	-34.33670	377.66900	700.39500	64.03330	-524.70800	523.65800	.00000
1.300	15.979	-38.37630	333.40700	743.71700	189.14600	-464.20000	462.06400	.00000
1.298	18.014	-49.55740	333.33400	732.20800	315.08400	-402.35500	397.66100	.00000
	GRADIENT	15.61977	19.28788	-3.11357	57.69548	35.02071	-22.11975	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.401	-1.978	-194.04600	88.88440	902.87000	-864.29300	-1070.21001	979.88800	.00000
1.401	.046	-165.26400	109.71800	908.31900	-763.58200	-1009.35000	937.52800	.00000
1.399	1.976	-137.13000	135.38100	912.88800	-663.02200	-946.55300	901.86800	.00000
1.398	3.877	-109.57500	170.99300	899.93300	-551.50800	-876.17300	855.83500	.00000
1.400	5.875	-88.22230	180.94100	917.83700	-430.54500	-808.39200	809.15300	.00000
1.399	7.959	-72.13600	185.48200	924.18200	-306.14000	-733.68200	754.25900	.00000
1.401	9.928	-74.15580	195.07000	912.37400	-185.41200	-674.99600	692.01600	.00000
1.399	11.970	-64.48960	198.24200	921.76900	-70.66190	-617.17600	637.98600	.00000
1.400	13.987	-63.11900	202.85500	919.32500	45.01340	-559.14000	581.14600	.00000
1.401	15.964	-65.21090	205.95500	912.13400	161.57300	-496.33900	525.38700	.00000
1.398	17.979	-74.37220	204.00900	904.91900	279.68800	-439.81900	463.79300	.00000
	GRADIENT	14.43931	13.92421	-.19066	53.25849	33.05553	-20.90935	.00000

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.550	-3.908	-272.39000	100.05000	815.26000	-824.56400	-1060.78999	951.46900	.00000
1.550	-1.938	-236.85500	108.02200	839.42300	-739.16100	-1005.27000	918.19100	.00000
1.549	.101	-203.41000	131.13300	849.15700	-656.14400	-950.82600	889.01800	.00000
1.549	2.006	-178.75800	145.98000	860.66200	-571.90700	-898.11100	859.19700	.00000
1.551	4.041	-157.13400	172.38200	856.78300	-469.45600	-835.88900	819.86700	.00000
1.550	6.042	-139.47500	193.44500	851.28000	-367.41100	-774.53100	777.08000	.00000
1.550	8.071	-127.65400	212.82700	842.02000	-267.77500	-718.79100	731.48400	.00000
1.550	10.068	-120.22900	218.97000	846.00000	-165.68200	-669.53200	681.35000	.00000
1.550	12.078	-118.21100	225.47900	842.31000	-70.45900	-619.62500	636.83400	.00000
1.549	14.111	-116.12100	227.45400	840.12600	34.62770	-561.07600	587.99600	.00000
1.550	16.076	-114.96800	228.62400	841.10900	145.17600	-505.76800	533.75600	.00000
	GRADIENT	14.54621	9.20968	5.24972	44.22413	28.07086	-16.23943	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.199	-1.834	-33.32680	-5.04616	70.01930	-158.56400	-164.79700	92.06710	.00000
.201	.185	-22.50640	1.51385	74.77980	-130.36600	-147.68900	81.47720	.00000
.201	2.159	-14.93210	5.19033	78.97750	-114.48600	-137.94400	75.64200	.00000
.200	4.155	-8.51205	6.63209	82.95560	-97.09570	-127.76600	67.42940	.00000
.200	6.093	-4.03961	7.20879	86.95140	-76.65920	-117.15500	57.70400	.00000
.200	7.827	-1.37058	8.50638	88.12300	-55.22390	-105.46100	47.76250	.00000
.200	9.847	-.50495	9.15517	88.13990	-28.81420	-92.03500	34.57920	.00000
.200	11.799	-.28854	8.86682	88.44480	-4.56836	-79.90810	22.26030	.00000
.200	13.699	-.93777	8.21803	88.74390	20.82470	-68.21420	8.86092	.00000
.199	15.718	-3.31825	5.55077	88.43120	46.18190	-56.95340	-5.83524	.00000
	GRADIENT	4.11428	1.94266	2.15678	10.04834	6.06249	-4.00072	.00000

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.252	-2.013	-34.31010	-4.90013	69.99000	-158.58100	-167.65300	90.32800	.00000
.252	.002	-23.78640	.51195	75.10180	-136.32700	-151.01700	84.70950	.00000
.252	1.995	-15.64130	5.41208	78.64670	-115.71700	-137.62200	77.79450	.00000
.252	3.987	-9.00999	6.94795	83.34230	-96.67040	-127.25200	68.71840	.00000
.251	6.020	-3.96440	7.16735	87.26830	-74.01880	-114.50500	57.21370	.00000
.250	7.934	-1.22536	7.60617	89.56840	-52.84420	-103.27100	47.97330	.00000
.250	9.843	-.28832	9.87340	87.83840	-24.93050	-89.20770	33.71090	.00000
.251	11.909	.00000	9.21517	-2294.22000	-1.53516	-77.99330	22.04180	.00000
.251	13.898	-.79288	7.09422	91.01290	22.63310	-66.75880	9.50821	.00000
.252	15.921	-3.38776	5.19267	90.81960	53.16770	-54.66010	-8.42773	.00000
	GRADIENT	4.20510	2.02397	2.18123	10.32213	6.73438	-3.58769	.00000

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.400	-1.936	-59.00720	-6.34374	134.63600	-297.00200	-313.13500	171.16700	.00000
.401	.022	-41.33390	1.51385	144.85200	-255.48000	-283.25100	159.92900	.00000
.401	2.016	-26.69030	10.59690	150.61300	-217.19200	-258.13100	146.96200	.00000
.401	4.002	-15.14860	14.70590	158.04600	-181.92800	-239.50800	130.32000	.00000
.402	5.965	-7.28573	15.21060	165.50400	-144.61700	-220.23400	112.38200	.00000
.400	7.900	-2.16408	16.14770	168.88800	-101.93000	-197.06300	92.06710	.00000
.399	9.957	-.36068	19.53580	166.50400	-53.40330	-171.29300	68.51000	.00000
.399	11.830	.14427	19.75210	165.89200	-8.87354	-148.98800	45.38520	.00000
.398	13.838	-1.37058	16.21980	166.81000	37.18580	-126.46700	20.74750	.00000
.398	15.862	-5.19379	12.32700	166.87900	85.20830	-104.37900	-5.18688	.00000
	GRADIENT	7.38033	3.64630	3.83504	19.36087	12.41658	-6.84340	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.600	-1.926	-128.18600	-4.10901	321.32300	-687.44700	-729.56700	403.28000	.00000
.600	.080	-87.64520	10.30860	347.34600	-582.56800	-649.44200	378.42600	.00000
.601	2.085	-56.91530	30.13280	359.15200	-498.79300	-598.76900	346.22400	.00000
.601	4.085	-32.46120	42.53190	372.30700	-412.66400	-551.77700	308.18700	.00000
.601	7.998	-4.76097	51.18240	390.95700	-236.09100	-458.22600	224.76500	.00000
.601	10.061	-.07214	53.77760	392.25000	-122.22300	-396.07500	172.24800	.00000
.601	11.884	.14427	52.98460	393.05900	-24.85670	-348.00000	122.75600	.00000
.601	13.886	-2.01981	48.87560	395.10400	81.68070	-294.94500	69.37450	.00000
.600	15.897	-10.38760	40.80180	393.91100	188.94100	-244.70500	11.45440	.00000
.598	17.853	-25.68040	33.30460	384.11500	290.55300	-199.22900	-46.68190	.00000
	GRADIENT	15.86762	7.97327	8.22372	45.32522	29.15143	-15.84446	.00000

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.698	-1.959	-154.08200	3.09978	416.91800	-872.94500	-925.54800	521.49700	.00000
.700	.082	-106.32800	22.56350	448.90800	-748.68800	-836.54400	489.94400	.00000
.700	2.041	-68.60130	46.85720	461.44200	-634.67700	-760.96700	450.61000	.00000
.701	4.095	-39.45840	64.44660	474.99500	-523.41300	-699.25000	403.06300	.00000
.701	6.090	-17.96190	69.63690	490.50100	-413.22100	-637.74900	353.57200	.00000
.702	7.969	-6.20369	73.02510	500.27100	-298.23200	-574.94800	302.78400	.00000
.702	10.040	-.21641	75.76440	504.21900	-163.18000	-504.13500	239.24500	.00000
.700	11.880	.57709	76.05280	501.12400	-41.30080	-439.38600	178.51500	.00000
.700	13.862	-2.16408	71.51120	503.52400	94.72390	-372.47100	110.00500	.00000
.700	15.860	-11.03680	68.62770	497.93600	230.10600	-310.10400	37.38870	.00000
.700	17.910	-29.93640	57.59830	488.76500	362.05800	-249.68600	-35.44370	.00000
	GRADIENT	18.96132	10.34799	9.28729	57.77766	37.48928	-19.61450	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 6630.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6900 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.800	-3.939	-232.31400	11.55550	468.93100	-1079.25000	-1119.13000	672.92200	.00000
.800	-2.045	-174.36100	22.52600	513.21200	-1033.12000	-1101.20000	642.02000	.00000
.800	.000	-121.95900	44.68620	545.25400	-888.50000	-997.92500	602.47500	.00000
.799	1.978	-80.36910	74.67210	556.45900	-744.78600	-899.83900	556.44700	.00000
.800	3.989	-46.63570	97.92950	566.83500	-615.24500	-824.22200	502.42300	.00000
.800	6.006	-22.20060	103.56100	586.63800	-480.93000	-748.82200	444.50900	.00000
.800	7.947	-7.64048	106.48600	597.87300	-354.06700	-674.50100	391.56500	.00000
.800	10.017	-1.00912	111.89800	599.59200	-193.24200	-589.59400	316.14800	.00000
.800	11.941	-.07208	111.09400	601.93400	-45.28170	-514.19400	244.18800	.00000
.800	13.904	-1.80200	107.65700	603.44200	113.33200	-439.65700	159.91100	.00000
.800	15.895	-12.18150	105.31600	595.70200	272.01300	-363.39200	77.79450	.00000
.798	17.981	-32.65220	96.97870	579.36900	414.74300	-292.09600	2.16096	.00000
.798	18.963	-46.85200	91.49350	572.35400	499.63300	-261.20200	-50.13420	.00000
	GRADIENT	23.39133	11.32627	11.99791	61.27734	39.87121	-21.47352	.00000

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.849	-3.974	-235.34100	30.05900	510.30000	-1134.97000	-1179.41000	731.26800	.00000
.850	-2.002	-177.82100	42.34590	562.13300	-1090.99001	-1168.17000	705.12000	.00000
.851	-.034	-125.78000	62.01950	592.90100	-948.90900	-1068.14000	661.46900	.00000
.851	1.965	-82.24320	97.12500	603.93200	-789.23200	-958.60400	613.92800	.00000
.850	3.993	-48.29360	121.26000	610.54700	-649.61100	-873.91300	555.79800	.00000
.850	5.964	-22.70520	127.25700	631.13700	-512.27300	-794.40800	498.96500	.00000
.849	7.944	-7.85672	129.89000	641.95300	-376.46900	-714.90200	441.26700	.00000
.849	10.033	-1.08120	135.52100	643.09700	-204.26100	-624.50400	359.36700	.00000
.850	11.921	-.14416	134.64400	645.61200	-50.15110	-544.00800	286.54300	.00000
.850	13.923	-2.52280	130.69500	645.98300	116.97000	-464.28700	197.94400	.00000
.850	15.908	-12.46980	129.23200	637.49800	278.16000	-386.29300	114.74700	.00000
.849	17.942	-33.08470	122.72300	623.99300	438.22300	-314.56500	27.01200	.00000
	GRADIENT	23.58626	11.92738	12.14788	63.98579	41.26383	-22.23384	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.900	-3.941	-238.58500	59.16720	550.04800	-1193.60001	-1243.14000	798.25800	.00000
.900	-2.084	-182.79500	68.16300	597.54200	-1134.34000	-1216.35001	766.49100	.00000
.900	-.046	-128.87900	85.27690	633.44400	-999.12100	-1125.17999	721.54300	.00000
.900	1.976	-84.11730	123.82000	640.16300	-820.80200	-998.78900	670.11300	.00000
.900	3.982	-49.37480	151.75800	646.06800	-677.15300	-913.45000	610.90300	.00000
.899	5.913	-24.14680	155.41500	664.63800	-536.46800	-827.89500	552.77300	.00000
.900	7.882	-8.43335	160.68000	677.48600	-396.64900	-749.25400	493.99500	.00000
.900	10.011	-1.08120	165.94600	680.87300	-219.25100	-655.27300	411.87800	.00000
.900	11.896	-.07208	165.65400	681.87400	-52.31150	-571.66200	328.24900	.00000
.900	13.993	-2.37864	160.97300	685.14800	122.74200	-485.02700	240.73100	.00000
.900	15.923	-12.10940	159.07100	676.51900	279.89100	-408.11400	159.69500	.00000
.900	17.912	-31.85930	155.04900	661.09200	443.97600	-335.09000	68.93450	.00000
	GRADIENT	23.94180	12.13263	11.72746	67.78598	44.17205	-23.69557	.00000

RUN NO. 237/.0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.950	-4.053	-243.63000	95.95480	576.41500	-1253.10001	-1299.53000	869.56900	.00000
.949	-1.984	-181.93000	105.17000	626.10000	-1161.47000	-1248.32001	826.35000	.00000
.949	-.008	-130.96900	118.77300	662.65700	-1031.99001	-1163.85001	780.53800	.00000
.951	2.023	-85.99140	158.63300	671.87600	-851.58200	-1035.30000	732.78100	.00000
.950	3.944	-51.82550	187.81400	676.36100	-709.26100	-952.12300	673.13800	.00000
.950	6.031	-24.36300	193.29900	697.93800	-556.25300	-858.57400	613.28000	.00000
.950	7.948	-9.00999	198.19900	706.89100	-407.58600	-773.23500	548.45100	.00000
.951	9.957	-1.36952	201.78300	712.44700	-239.71200	-682.49500	472.81700	.00000
.950	11.951	-.14416	203.09900	713.25600	-55.79910	-593.05100	379.24800	.00000
.949	13.889	-2.30656	196.59000	714.20300	109.76900	-507.71200	295.61900	.00000
.950	15.961	-12.18150	194.03100	707.83800	280.81800	-426.04600	207.23600	.00000
.950	17.916	-31.93140	191.69000	692.67800	446.58600	-349.34300	120.36500	.00000
	GRADIENT	24.00163	11.83648	12.32784	69.81896	45.35441	-24.30190	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.976	-2.013	-178.75300	120.67500	653.37200	-1187.17000	-1274.20000	865.77600	.00000
.979	.038	-128.69100	141.36400	690.14500	-1041.92000	-1182.81000	819.31100	.00000
.979	1.975	-86.70740	182.09400	693.19800	-876.72100	-1067.17000	771.54800	.00000
.979	3.999	-51.14440	210.49700	698.35900	-728.54000	-969.94100	718.59900	.00000
.981	5.014	-24.38200	216.55200	721.96600	-567.90700	-879.63800	651.16900	.00000
.980	7.954	-8.65632	222.39100	728.95200	-424.32800	-796.48200	587.84600	.00000
.980	9.914	-1.15418	223.25600	734.08900	-252.96400	-704.44700	507.01700	.00000
.982	12.005	-.28854	224.04900	735.66200	-71.68650	-613.49500	418.19200	.00000
.980	13.912	-2.01931	219.50800	734.67200	95.20530	-526.87300	334.12100	.00000
.980	15.939	-10.67610	217.34500	728.37900	257.01600	-442.41800	256.96700	.00000
.979	17.970	-30.94630	211.00100	715.95200	437.83500	-364.24200	155.82200	.00000
	GRADIENT	21.27253	15.50971	6.93850	77.12938	51.46035	-24.49448	.00000

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.049	-4.003	-217.10500	166.09200	555.30300	-1163.19000	-1215.05000	886.64100	.00000
1.050	-1.958	-161.60300	175.30800	600.38900	-1062.41000	-1150.45000	849.25600	.00000
1.050	-.003	-116.69700	181.96300	638.64000	-944.22300	-1072.67999	808.84600	.00000
1.050	2.027	-77.63010	214.94700	645.62300	-781.06100	-959.46800	759.79200	.00000
1.050	4.028	-46.34740	247.78600	644.46700	-639.78500	-874.12900	704.25600	.00000
1.050	6.044	-22.70520	249.54100	665.15400	-510.69700	-796.13600	651.96100	.00000
1.050	8.002	-8.36127	257.00100	673.63800	-378.37500	-722.24800	595.12700	.00000
1.050	10.020	-1.58576	258.61000	678.80400	-219.13200	-636.47700	521.65500	.00000
1.050	11.946	-.57664	259.19500	677.92800	-62.69900	-559.56400	440.83500	.00000
1.049	13.924	-2.01824	253.19800	681.18400	96.54220	-478.33000	361.52800	.00000
1.050	15.950	-10.30740	248.44400	678.04900	247.54500	-405.30600	283.95000	.00000
1.051	17.949	-27.10210	247.49300	665.00500	397.49000	-334.87400	207.23600	.00000
	GRADIENT	21.22701	10.13141	11.15026	66.25227	43.53889	-22.65873	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMPP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.098	-1.979	-163.60400	211.57800	629.91700	-1074.58000	-1166.57001	913.10700	.00000
1.101	.040	-117.72600	224.98600	665.08800	-963.46000	-1095.97000	875.28600	.00000
1.101	2.035	-80.43160	263.55300	662.71500	-813.71700	-992.24600	828.17100	.00000
1.099	4.029	-51.07230	281.50300	676.32400	-670.65400	-907.79000	771.76400	.00000
1.099	6.084	-27.48380	289.00000	688.81600	-520.63500	-820.51900	705.41500	.00000
1.097	7.996	-26.61820	294.33500	683.94700	-392.08300	-748.40700	648.57600	.00000
1.098	10.037	-9.73836	293.68600	701.47500	-230.25400	-662.65200	572.50200	.00000
1.102	11.854	-10.45970	296.20900	702.03100	-79.12280	-585.99200	501.83000	.00000
1.098	13.940	-10.38760	291.30700	701.90500	74.35330	-505.86800	423.37900	.00000
1.101	15.878	-13.92220	289.14500	704.53300	231.30700	-427.69200	348.60100	.00000
1.100	17.905	-28.56580	283.37800	695.45600	379.50700	-356.44600	271.44700	.00000
1.100	19.879	-45.01280	310.26600	651.32100	551.51700	-291.48000	163.60300	.00000
	GRADIENT	18.73035	12.40058	6.84481	67.99487	43.95145	-23.52775	.00000

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-3.944	-206.79700	220.21300	619.98900	-1156.47000	-1224.99001	978.48100	.00000
1.149	-1.937	-157.92700	227.38100	660.29200	-1061.72000	-1166.66000	940.66500	.00000
1.150	.036	-115.47200	234.10900	699.51900	-944.57300	-1093.42000	900.25500	.00000
1.150	2.026	-79.57630	261.16900	713.35400	-795.45800	-995.98000	853.57800	.00000
1.150	4.020	-49.23060	296.49400	699.57500	-645.01700	-898.11100	792.20700	.00000
1.149	6.066	-26.88580	306.00200	716.31200	-508.88400	-821.63000	736.45400	.00000
1.150	7.932	-13.55100	315.51000	717.53900	-378.38500	-747.52500	677.46000	.00000
1.149	9.882	-8.07296	320.62900	718.69800	-229.79300	-669.74800	607.44500	.00000
1.149	11.917	-6.19888	323.84700	718.55400	-63.51420	-589.10200	522.95200	.00000
1.148	13.894	-7.56839	318.28900	723.94200	87.63870	-509.87300	452.28800	.00000
1.150	15.889	-14.48810	316.68000	716.93200	235.89300	-437.28100	374.92600	.00000
1.150	17.908	-28.83200	314.99800	707.87000	380.37300	-367.92900	303.39800	.00000
	GRADIENT	19.78408	9.36968	10.66948	64.81295	41.44853	-23.10961	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.197	-1.990	-160.07000	225.34700	721.68400	-1056.03000	-1180.21001	982.91300	.00000
1.199	.070	-118.51900	231.18600	759.09500	-942.45700	-1112.00000	939.25700	.00000
1.198	2.066	-84.25480	263.33700	759.90800	-800.49800	-1018.02000	889.98200	.00000
1.198	4.019	-54.96760	298.15600	754.07700	-662.08900	-930.09500	839.19400	.00000
1.198	6.032	-34.12030	313.15000	759.43000	-523.24800	-850.40400	779.54400	.00000
1.201	7.929	-22.21790	329.37000	760.61300	-393.99100	-782.18900	724.00200	.00000
1.197	10.006	-16.37490	345.08500	746.04000	-241.61800	-697.30100	651.81800	.00000
1.197	11.894	-16.44700	346.16600	743.58700	-96.24100	-623.24000	579.20100	.00000
1.202	13.907	-16.80770	337.29900	758.79300	60.16550	-547.44600	505.28800	.00000
1.199	15.883	-21.92930	327.35100	759.01900	199.00800	-470.13600	439.15600	.00000
1.198	17.907	-34.69740	326.84700	745.75600	340.78300	-402.13900	364.37800	.00000
	GRADIENT	17.47168	12.47194	4.95264	66.06524	42.13142	-23.97959	.00000

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	-1.965	-161.15200	63.07700	893.27100	-944.96000	-1094.24001	968.21700	.00000
1.298	.020	-122.41500	69.92530	925.26000	-848.78900	-1037.50999	928.88300	.00000
1.299	1.979	-91.75700	95.01190	928.43100	-726.98100	-959.76300	882.41800	.00000
1.299	4.006	-68.24060	125.43300	926.92700	-599.32100	-884.18600	835.73600	.00000
1.301	6.040	-52.08220	135.02100	930.79700	-464.84600	-806.22700	776.51000	.00000
1.299	7.952	-38.23210	146.48300	930.18500	-349.92200	-736.93000	727.89200	.00000
1.299	9.998	-36.42870	162.19800	920.67300	-212.90900	-671.09800	661.11100	.00000
1.301	11.905	-33.18250	177.40800	906.70900	-88.12620	-603.10000	602.32600	.00000
1.301	13.902	-35.41880	197.01600	887.66500	39.28370	-540.51600	540.30000	.00000
1.300	15.964	-39.45840	215.32700	860.11500	169.94900	-469.48700	475.46400	.00000
1.299	17.930	-51.36080	223.47300	844.16700	296.05600	-411.88400	411.06000	.00000
	GRADIENT	15.55952	10.68461	5.22742	58.31536	35.62427	-22.33825	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (XVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.399	-3.951	-227.51700	49.16400	905.71900	-972.01000	-1143.83000	1010.58000	.00000
1.399	-2.062	-191.30500	60.69800	933.39700	-917.27100	-1100.96001	1001.72000	.00000
1.399	-.026	-154.37100	85.71260	940.61600	-809.66800	-1032.52000	957.84400	.00000
1.399	2.010	-126.59900	127.66800	930.13300	-699.93100	-963.22800	921.10300	.00000
1.401	4.008	-104.66900	160.82800	922.20200	-580.42600	-888.95000	879.17600	.00000
1.400	6.040	-80.79230	165.15300	935.85400	-455.43100	-817.70400	819.52700	.00000
1.400	8.038	-89.52080	169.47900	927.50100	-344.28400	-759.66800	771.11600	.00000
1.400	10.115	-64.77810	176.76000	940.96200	-213.50100	-689.93800	706.06400	.00000
1.401	11.977	-71.55890	182.52700	931.31400	-95.29200	-631.03500	649.65600	.00000
1.399	13.972	-76.75270	185.33800	922.10900	23.78910	-571.91700	588.49400	.00000
1.400	15.995	-80.35950	189.44700	914.39300	144.51000	-508.89900	530.79100	.00000
1.399	18.010	-78.19540	185.84300	918.26200	263.31900	-451.72900	467.25100	.00000
	GRADIENT	15.51453	14.55232	1.44143	50.11590	32.42116	-17.21588	.00000

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.550	-3.884	-263.81300	78.10950	842.47800	-845.58300	-1062.74001	967.24400	.00000
1.550	-1.889	-231.93300	84.25300	868.99400	-770.67300	-1018.45000	937.42300	.00000
1.550	.100	-198.58000	106.19400	880.72600	-692.80500	-967.67800	910.62700	.00000
1.550	2.143	-173.35200	138.88600	871.86200	-599.78500	-908.69700	875.18800	.00000
1.550	4.161	-155.76500	146.05300	882.48200	-498.68200	-846.69100	836.29100	.00000
1.550	6.194	-136.66400	171.79700	878.03900	-406.16500	-793.97600	798.69000	.00000
1.550	8.107	-128.59100	185.62000	869.38900	-314.86000	-739.09900	759.36000	.00000
1.550	10.075	-119.72500	193.88400	871.89100	-206.43600	-685.95200	705.98500	.00000
1.549	11.895	-119.36400	197.10200	865.43300	-103.94500	-632.15600	653.68900	.00000
1.550	13.923	-119.65300	200.46700	866.18100	3.08838	-578.57600	604.63600	.00000
1.549	15.882	-120.66200	209.38900	854.94900	107.66300	-522.62000	554.71800	.00000
1.549	17.875	-131.90600	208.80400	841.29000	217.02100	-470.55200	494.42700	.00000
	GRADIENT	13.64545	9.47426	4.10571	42.98596	26.93711	-16.11439	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (XVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.700	-1.945	-175.86800	27.97010	372.86300	-864.75100	-938.32400	503.12700	.00000
.701	.002	-124.00200	43.32480	410.17300	-730.62400	-839.79200	468.33200	.00000
.702	2.035	-81.73010	62.64440	434.12500	-624.89800	-777.85800	425.54000	.00000
.702	4.113	-48.76390	84.84750	445.18900	-507.32500	-709.86100	376.26500	.00000
.703	6.181	-23.73270	93.06550	463.10200	-379.87400	-640.99700	318.77700	.00000
	GRADIENT	20.92774	9.40927	11.87883	58.25400	36.92265	-20.97072	.00000

OA232 AEDC 16T TF431 LA .2A RFN.IS (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.200	-1.708	.00000	.00000	.00000	-149.24700	-163.56600	84.08000	-1.22495
.200	.137	.00000	.00000	.00000	-131.74200	-152.76300	77.37950	3.45869
.200	2.134	.00000	.00000	.00000	-114.22200	-142.39100	70.03060	8.14233
.200	4.213	.00000	.00000	.00000	-92.87600	-131.58800	60.08800	11.88920
.200	6.138	.00000	.00000	.00000	-69.73680	-118.62300	49.71310	12.89800
.201	8.137	.00000	.00000	.00000	-45.06470	-106.30700	38.25750	13.69060
.201	10.165	.00000	.00000	.00000	-19.78050	-93.12700	26.15340	14.48330
.202	12.171	.00000	.00000	.00000	6.42041	-81.02700	12.75250	14.55530
.203	14.189	.00000	.00000	.00000	32.80570	-69.35910	-.86458	13.47450
.203	16.176	.00000	.00000	.00000	64.07740	-55.74650	-17.72380	12.39360
	GRADIENT	.00000	.00000	.00000	9.44939	5.37607	-4.02104	2.22391

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.396	-1.917	.00000	.00000	.00000	-284.76500	-308.33400	159.73000	2.81018
.397	.032	.00000	.00000	.00000	-244.18700	-281.10900	146.97800	9.00700
.397	1.999	.00000	.00000	.00000	-209.75900	-261.44700	132.71200	16.14050
.397	4.009	.00000	.00000	.00000	-172.58900	-241.78400	115.20500	23.92260
.397	6.022	.00000	.00000	.00000	-130.26500	-219.09700	95.96790	25.72400
.398	8.027	.00000	.00000	.00000	-84.25050	-194.68100	74.56960	26.58870
.398	10.028	.00000	.00000	.00000	-39.10030	-171.77700	52.52300	27.74150
.397	12.033	.00000	.00000	.00000	8.05981	-147.57700	28.96330	28.02980
.397	14.026	.00000	.00000	.00000	55.07150	-125.10600	4.32288	26.15630
.397	16.049	.00000	.00000	.00000	106.92200	-101.77000	-23.99200	23.99460
	GRADIENT	.00000	.00000	.00000	18.78463	11.10142	-7.49111	3.57015

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.598	-2.039	-442.84300	.14434	.61304	794.25600	734.57000	383.91400	15.42000
.600	.111	-444.86300	.21650	.72119	756.28700	664.57000	354.08300	30.62380
.600	2.039	-445.07900	-.07217	1.49341	741.88200	615.52600	320.14400	45.10700
.600	3.993	-444.64600	-.43301	1.48730	730.30100	566.48300	281.88300	64.12980
.600	6.000	-443.63600	-.21650	.58032	716.52500	510.31000	237.78500	68.16490
.601	8.000	-445.44000	.21650	1.54419	711.54100	455.21700	190.87600	70.18250
.600	10.064	-443.70800	-.07217	1.06396	701.29200	396.02000	139.42800	72.99270
.599	12.040	-443.63600	-.14434	.30810	703.01300	344.16700	84.95390	74.21760
.599	14.029	-442.91500	.14434	1.14087	711.00700	294.04400	27.23710	69.89430
.599	16.077	-441.97700	.28867	1.53442	722.74100	241.11200	-37.82930	65.42680
	GRADIENT	-.28746	-.09962	.16885	-10.37267	-27.60087	-16.95133	8.01044

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.700	-2.042	.00000	.00000	.00000	-961.16100	-937.10400	500.15700	32.06490
.700	.148	.00000	.00000	.00000	-719.96900	-836.63000	459.73800	45.53940
.702	2.066	.00000	.00000	.00000	-620.98700	-778.93900	421.04800	59.66240
.701	3.979	.00000	.00000	.00000	-507.45400	-710.66000	374.79300	86.10690
.701	5.966	.00000	.00000	.00000	-388.98000	-643.67800	322.70300	97.05940
.700	8.031	.00000	.00000	.00000	-258.68600	-572.59000	263.69600	100.30200
.701	10.046	.00000	.00000	.00000	-127.84200	-502.79900	202.74300	103.40000
.699	12.047	.00000	.00000	.00000	13.15750	-433.22400	130.1 900	104.91400
.698	14.050	.00000	.00000	.00000	145.24100	-365.37700	62.68170	99.29320
.696	16.054	.00000	.00000	.00000	279.87300	-302.71700	-10.59110	94.17720
	GRADIENT	.00000	.00000	.00000	58.12199	36.98745	-20.71916	8.77278

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.798	-1.998	.00000	.00000	.00000	-1027.75999	-1120.98000	616.87500	62.40050
.800	.022	.00000	.00000	.00000	-855.36100	-993.49900	573.86200	77.02780
.800	1.984	.00000	.00000	.00000	-727.18200	-912.03900	526.74300	92.01550
.800	3.965	.00000	.00000	.00000	-591.25500	-831.22900	471.62600	124.94500
.800	5.997	.00000	.00000	.00000	-447.99400	-749.12100	410.67300	135.60900
.800	7.982	.00000	.00000	.00000	-303.93700	-670.25500	345.18200	138.63600
.800	10.011	.00000	.00000	.00000	-148.98800	-589.66000	270.82800	143.68000
.800	11.995	.00000	.00000	.00000	2.57031	-512.09000	197.33900	145.33700
.799	13.998	.00000	.00000	.00000	159.77700	-433.00800	118.01500	141.30200
.799	16.024	.00000	.00000	.00000	320.68600	-356.30200	29.61170	136.83400
	GRADIENT	.00000	.00000	.00000	72.44719	47.92098	-24.31745	10.20079

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.850	-1.977	.00000	.00000	780.50000	-1081.19000	-1185.59000	676.09800	86.03490
.850	-.062	.00000	.00000	780.60000	-919.01700	-1066.96001	632.65300	98.42850
.849	1.935	.00000	.00000	779.30000	-769.04900	-966.49000	581.85900	112.40700
.850	3.949	.00000	.00000	780.90000	-620.93300	-877.46800	524.36500	152.18200
.850	5.957	.00000	.00000	780.70000	-474.61500	-794.71300	460.60300	162.05400
.850	7.985	.00000	.00000	781.20000	-313.98200	-705.25900	389.92400	164.57600
.850	10.024	.00000	.00000	781.60000	-159.06600	-626.17700	314.48900	170.34000
.850	11.988	.00000	.00000	782.60000	-.30737	-546.66200	236.24500	173.29500
.849	14.000	.00000	.00000	780.90000	169.15000	-460.66500	151.08500	169.11500
.850	16.025	.00000	.00000	777.90000	334.49500	-379.85400	63.54630	164.72000
	GRADIENT	.00000	.00000	-.00390	77.38236	51.70220	-25.60355	10.77159

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.900	-1.980	.00000	.00000	.00000	-1114.66000	-1225.34000	736.61800	118.31600
.901	-.001	.00000	.00000	.00000	-964.55400	-1120.98000	693.17300	128.11600
.900	1.973	.00000	.00000	.00000	-798.10600	-1008.19000	641.51500	144.32800
.900	3.975	.00000	.00000	.00000	-642.67700	-909.44700	580.13000	182.59000
.900	5.969	.00000	.00000	.00000	-489.20800	-821.72100	515.28700	193.54200
.900	7.987	.00000	.00000	.00000	-330.12000	-735.07600	443.74300	196.71300
.900	9.981	.00000	.00000	.00000	-172.98200	-652.53700	367.44500	203.34200
.899	11.999	.00000	.00000	.00000	-8.47559	-568.70100	286.17400	205.64800
.900	13.996	.00000	.00000	.00000	165.99100	-481.19200	199.71700	201.61300
.900	16.018	.00000	.00000	.00000	338.07000	-401.67700	109.15300	198.15400
.900	18.047	.00000	.00000	.00000	510.79200	-325.62000	11.88790	193.03800
	GRADIENT	.00000	.00000	.00000	79.75834	53.44824	-26.27210	10.54598

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.949	-1.982	.00000	.00000	.00000	-1144.28999	-1257.53999	799.94800	154.92000
.948	-.011	.00000	.00000	.00000	-992.26000	-1152.53000	751.53200	163.85500
.950	1.936	.00000	.00000	.00000	-824.02900	-1037.78999	702.03500	179.92400
.949	3.980	.00000	.00000	.00000	-663.22200	-938.18400	639.13700	220.56300
.950	5.987	.00000	.00000	.00000	-501.39300	-844.84100	571.05200	230.14700
.950	7.949	.00000	.00000	.00000	-346.64600	-762.08500	498.86000	233.89400
.949	10.002	.00000	.00000	.00000	-176.53800	-672.19900	418.23800	240.88300
.947	12.001	.00000	.00000	.00000	-13.03440	-590.30800	333.72600	241.89200
.951	14.039	.00000	.00000	.00000	167.94400	-499.99000	248.56500	240.73900
.950	15.942	.00000	.00000	.00000	337.49000	-419.17900	159.73000	235.62300
.952	18.019	.00000	.00000	.00000	516.86300	-339.01700	60.52030	231.37200
	GRADIENT	.00000	.00000	.00000	81.23733	54.07030	-26.83307	10.77243

OA232 AEDC 16T TF431 LA .2A RFN.15 (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.980	-2.081	.00000	.00000	.00000	1387.06000	1272.97000	843.70300	184.17500
.980	.046	.00000	.00000	.00000	1334.22000	1167.53000	794.41600	195.12700
.980	2.007	.00000	.00000	.00000	1272.75000	1050.87000	738.21300	211.62800
.980	3.910	.00000	.00000	.00000	1234.96001	953.64500	676.38900	245.42300
.979	5.939	.00000	.00000	.00000	1211.98000	862.03900	609.16100	254.86200
.980	7.962	.00000	.00000	.00000	1203.63000	774.97100	531.34000	258.82500
.980	9.950	.00000	.00000	.00000	1194.37000	685.09400	450.92600	265.38200
.980	12.006	.00000	.00000	.00000	1196.74001	599.97100	361.43200	268.48000
.980	13.993	.00000	.00000	.00000	1196.72000	513.55100	277.12700	263.94100
.980	16.016	.00000	.00000	.00000	1203.12000	426.26600	183.74300	260.05000
.980	18.015	.00000	.00000	.00000	1228.47000	350.00100	86.03480	257.09500
	GRADIENT	.00000	.00000	.00000	-25.98868	-53.88459	-27.94320	9.97671

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.050	-1.963	.00000	.00000	.00000	1246.67999	1134.69000	823.81500	226.11200
1.049	-.011	.00000	.00000	.00000	1209.69000	1054.75999	780.36500	232.38000
1.049	1.940	.00000	.00000	.00000	1153.56000	950.62000	730.86300	243.26100
1.050	3.965	.00000	.00000	.00000	1120.75000	859.44700	673.79500	277.12700
1.049	5.981	.00000	.00000	.00000	1097.60001	775.83500	611.53800	285.26900
1.050	7.988	.00000	.00000	.00000	1092.80000	699.35400	542.14900	288.29600
1.050	10.014	.00000	.00000	.00000	1085.22000	620.49500	471.67800	295.28500
1.049	12.002	.00000	.00000	.00000	1085.97000	547.47000	397.10000	299.10400
1.049	13.994	.00000	.00000	.00000	1088.97000	471.20500	317.33400	293.84400
1.049	16.017	.00000	.00000	.00000	1090.17999	390.83400	234.75800	285.19700
1.050	17.994	.00000	.00000	.00000	1104.28000	321.91400	151.53400	281.16200
	GRADIENT	.00000	.00000	.00000	-21.97647	-47.12370	-25.32790	8.33620

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.100	-1.895	.00000	.00000	.00000	1275.89999	1155.22000	888.01700	275.25400
1.100	-.033	.00000	.00000	.00000	1239.96001	1076.36000	845.00000	280.73000
1.100	1.941	.00000	.00000	.00000	1190.36000	976.11400	794.84900	290.31300
1.101	4.017	.00000	.00000	.00000	1157.78000	884.50900	737.13200	324.90000
1.100	6.001	.00000	.00000	.00000	1136.57001	801.54500	674.87500	333.11500
1.100	8.012	.00000	.00000	.00000	1130.23000	723.98300	603.75600	334.98800
1.100	10.034	.00000	.00000	.00000	1122.19000	643.39700	530.90800	342.26600
1.099	12.005	.00000	.00000	.00000	1122.99001	567.34700	452.65500	345.58000
1.100	13.998	.00000	.00000	.00000	1123.19000	490.43300	376.34800	341.04100
1.101	16.034	.00000	.00000	.00000	1128.03999	411.35900	293.12300	333.40300
1.100	18.066	.00000	.00000	.00000	1142.14000	338.98200	205.14300	330.37600
	GRADIENT	.00000	.00000	.00000	-20.47467	-46.29893	-25.53578	8.11765

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-1.882	.00000	.00000	.00000	1283.09000	1148.52000	923.03600	296.87000
1.151	.029	.00000	.00000	.00000	1255.13000	1075.71001	879.58600	298.60000
1.149	2.084	.00000	.00000	.00000	1210.56000	978.49000	824.03100	304.58000
1.149	3.966	.00000	.00000	.00000	1180.17999	894.01500	770.63800	340.68000
1.149	6.005	.00000	.00000	.00000	1158.66000	809.10700	707.94900	349.39900
1.150	8.013	.00000	.00000	.00000	1153.61000	734.78600	640.07300	350.76800
1.150	10.051	.00000	.00000	.00000	1146.57001	656.36000	568.08900	359.99100
1.150	12.043	.00000	.00000	.00000	1147.92999	583.33500	494.80800	367.12500
1.149	14.054	.00000	.00000	.00000	1146.87000	507.28500	418.71700	363.16200
1.149	16.042	.00000	.00000	.00000	1143.62000	428.42700	342.41000	355.88400
1.150	18.083	.00000	.00000	.00000	1157.06000	356.05000	257.88800	353.65000
	GRADIENT	.00000	.00000	.00000	-18.04582	-43.93113	-26.16263	6.97490

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.199	-1.899	.00000	.00000	.00000	-987.41100	-1140.91000	953.30000	309.48000
1.200	.031	.00000	.00000	.00000	-885.81500	-1083.67000	912.44400	307.60700
1.201	1.923	.00000	.00000	.00000	-750.66700	-999.43200	865.53600	309.40800
1.200	3.944	.00000	.00000	.00000	-602.73900	-905.90400	808.03500	347.88600
1.201	5.950	.00000	.00000	.00000	-457.50900	-822.96000	744.04900	356.17200
1.199	8.010	.00000	.00000	.00000	-317.21700	-746.28000	677.03700	359.77500
1.199	10.011	.00000	.00000	.00000	-178.14100	-675.00000	610.24100	371.66400
1.200	12.066	.00000	.00000	.00000	-26.53960	-601.77600	535.66400	386.94000
1.200	14.048	.00000	.00000	.00000	117.44000	-530.28000	463.68000	379.44700
1.200	16.006	.00000	.00000	.00000	272.90700	-452.52000	387.37300	373.97000
1.200	18.059	.00000	.00000	.00000	423.60800	-381.24000	309.55200	373.82600
	GRADIENT	.00000	.00000	.00000	66.42011	40.67134	-24.87434	6.08833

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.219	-1.949	.00000	.00000	.00000	-898.93500	-1044.14000	884.99100	284.11600
1.220	.000	.00000	.00000	.00000	-792.09900	-978.48000	843.91900	277.84800
1.220	1.906	.00000	.00000	.00000	-673.11500	-904.17600	798.74000	276.62300
1.219	3.926	.00000	.00000	.00000	-545.51700	-827.71200	748.80500	313.15500
1.220	5.932	.00000	.00000	.00000	-419.82300	-757.72800	695.19500	325.26000
1.220	7.974	.00000	.00000	.00000	-288.99100	-689.90400	633.58800	331.24100
1.220	9.977	.00000	.00000	.00000	-158.84100	-621.43200	573.70900	344.28300
1.219	12.006	.00000	.00000	.00000	-26.01510	-557.49600	504.31900	361.21600
1.220	13.988	.00000	.00000	.00000	106.37500	-489.45600	439.46900	351.34500
1.220	16.019	.00000	.00000	.00000	244.56400	-418.39200	370.94400	342.55400
1.218	17.980	.00000	.00000	.00000	379.67700	-353.37600	297.44700	343.20200
	GRADIENT	.00000	.00000	.00000	60.39266	37.05372	-23.23902	4.45107

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.240	-2.006	.00000	.00000	.00000	-895.57100	-1050.84000	896.23100	286.56600
1.239	.029	.00000	.00000	.00000	-788.41100	-987.55200	855.15900	280.44200
1.240	1.967	.00000	.00000	.00000	-665.89500	-908.49600	808.90000	280.51400
1.239	4.034	.00000	.00000	.00000	-533.30900	-825.76800	754.64200	314.09200
1.240	5.980	.00000	.00000	.00000	-412.26900	-758.80800	702.76100	328.14300
1.240	7.979	.00000	.00000	.00000	-288.44900	-693.79200	646.55800	336.78900
1.240	10.012	.00000	.00000	.00000	-157.66500	-627.26400	584.30100	348.96700
1.240	11.996	.00000	.00000	.00000	-31.55490	-565.27200	519.88300	370.29500
1.240	14.012	.00000	.00000	.00000	103.16500	-497.88000	452.65500	357.46900
1.239	16.012	.00000	.00000	.00000	239.49500	-429.40800	383.69800	347.95800
1.240	18.026	.00000	.00000	.00000	374.20100	-365.04000	313.65900	348.31800
	GRADIENT	.00000	.00000	.00000	60.29462	37.60373	-23.48893	4.15137

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	-1.990	.00000	.00000	.00000	-882.11100	-1053.13000	932.87700	299.68100
1.299	.002	.00000	.00000	.00000	-775.70900	-989.39300	889.21600	284.69300
1.300	1.989	.00000	.00000	.00000	-655.25800	-914.63200	843.82600	292.54700
1.300	3.995	.00000	.00000	.00000	-532.38600	-844.62500	794.76100	332.82600
1.300	6.004	.00000	.00000	.00000	-410.02400	-772.45700	743.96700	344.42700
1.300	8.026	.00000	.00000	.00000	-288.41100	-707.41900	685.39200	349.90400
1.300	9.976	.00000	.00000	.00000	-171.66600	-645.62300	629.84300	364.81900
1.300	12.011	.00000	.00000	.00000	-40.51760	-580.80100	565.21600	397.53300
1.300	14.019	.00000	.00000	.00000	89.29930	-516.41200	500.58900	385.71600
1.299	15.969	.00000	.00000	.00000	218.36700	-450.51000	438.12400	369.50300
1.300	18.050	.00000	.00000	.00000	356.50900	-385.47200	364.41800	365.46800
	GRADIENT	.00000	.00000	.00000	58.65997	35.11955	-23.05736	5.39121

0A232 AEDC 16T TF431 LA .2A RFN.1S (XVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.399	-1.985	.00000	.00000	.00000	-850.96800	-1059.39999	978.26700	181.86900
1.400	.022	.00000	.00000	.00000	-757.12500	-1005.17000	940.65800	163.06300
1.400	1.962	.00000	.00000	.00000	-644.42200	-931.70200	901.32000	179.05900
1.399	3.977	.00000	.00000	.00000	-522.15100	-855.64500	851.60700	193.18200
1.400	5.952	.00000	.00000	.00000	-405.66900	-788.87800	803.19100	218.33000
1.400	7.986	.00000	.00000	.00000	-282.02400	-725.35300	742.67000	233.38900
1.400	9.965	.00000	.00000	.00000	-165.59000	-665.50100	686.68900	251.47500
1.400	11.982	.00000	.00000	.00000	-56.50440	-610.83500	632.86900	263.07600
1.400	13.992	.00000	.00000	.00000	64.10030	-551.41500	571.48400	265.16600
1.400	15.951	.00000	.00000	.00000	183.72400	-491.13100	512.04500	264.08500
1.400	17.977	.00000	.00000	.00000	315.30200	-428.25400	443.74300	279.64900
	GRADIENT	.00000	.00000	.00000	55.44401	34.53610	-21.15594	2.50892

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.550	-1.859	.00000	.00000	.00000	-738.55200	-1005.38000	922.07000	95.40210
1.550	.031	.00000	.00000	.00000	-655.82900	-951.79700	889.43200	115.65000
1.550	2.052	.00000	.00000	.00000	-566.45500	-893.45700	855.49800	135.89800
1.551	4.093	.00000	.00000	.00000	-467.22600	-833.82100	818.10400	163.06300
1.550	6.060	.00000	.00000	.00000	-364.35800	-775.05000	775.30800	197.43300
1.550	8.088	.00000	.00000	.00000	-262.76900	-721.03200	728.83700	211.19600
1.550	10.082	.00000	.00000	.00000	-171.04100	-669.39100	688.85100	229.21000
1.550	12.062	.00000	.00000	.00000	-73.14790	-618.61400	640.43400	241.24300
1.550	14.095	.00000	.00000	.00000	33.52150	-562.65100	588.12700	243.76500
1.549	16.084	.00000	.00000	.00000	150.13300	-505.39200	527.17500	237.06400
	GRADIENT	.00000	.00000	.00000	45.46013	28.82950	-17.40034	11.23754

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.201	-1.827	.00000	.00000	.00000	-152.23200	-169.83300	82.99930	1.87346
.201	.217	.00000	.00000	.00000	-133.56600	-158.38100	74.78580	6.62915
.203	2.133	.00000	.00000	.00000	-114.21400	-148.87400	66.14000	11.09660
.204	4.121	.00000	.00000	.00000	-93.26370	-139.15000	56.41350	15.42000
.203	6.092	.00000	.00000	.00000	-65.33790	-123.80900	43.22880	17.36550
.204	7.842	.00000	.00000	.00000	-40.73440	-110.84500	31.98930	18.59040
.200	9.797	.00000	.00000	.00000	-14.51200	-94.20730	18.80450	18.15810
.200	11.702	.00000	.00000	.00000	10.30830	-81.89130	6.70046	18.44630
.201	13.722	.00000	.00000	.00000	38.30590	-69.35910	-7.56504	17.00520
.201	15.703	.00000	.00000	.00000	65.25220	-57.04300	-22.69510	15.49200
	GRADIENT	.00000	.00000	.00000	9.92871	5.14071	-4.47211	2.23264

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.397	-1.949	.00000	.00000	.00000	-278.70900	-310.27900	153.03000	9.36728
.398	.036	.00000	.00000	.00000	-240.17500	-288.24000	137.03500	15.63620
.398	2.027	.00000	.00000	.00000	-205.93100	-268.14500	122.98600	21.90500
.398	4.034	.00000	.00000	.00000	-165.66800	-246.97000	104.39700	29.90320
.398	6.021	.00000	.00000	.00000	-119.42100	-222.55400	82.56700	33.50600
.399	7.888	.00000	.00000	.00000	-72.40990	-197.92200	60.08800	35.09130
.399	9.869	.00000	.00000	.00000	-28.02470	-173.93800	39.98660	36.10010
.393	11.864	.00000	.00000	.00000	17.92260	-150.60200	17.07540	36.38830
.393	13.871	.00000	.00000	.00000	66.86330	-127.48200	-8.64576	34.58690
.399	15.864	.00000	.00000	.00000	117.08500	-104.57900	-35.66370	31.20020
.398	17.907	.00000	.00000	.00000	165.65800	-82.75550	-63.11400	27.88570
	GRADIENT	.00000	.00000	.00000	18.72345	10.53152	-8.02156	3.40423

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.600	-1.921	-443.34800	.14434	1.30786	809.72400	732.40900	367.48500	33.65010
.600	.057	-444.86300	-.21650	.65405	786.69200	677.31700	335.92500	45.53930
.601	2.070	-445.44000	-.07217	.83276	774.21800	625.68100	297.66300	59.73440
.600	4.093	-443.70800	-.43301	1.12500	763.15100	573.18000	254.42900	78.18070
.602	6.111	-442.69800	1.22686	2.17456	752.56200	513.98300	207.52100	86.32300
.601	8.314	-445.44000	-.14434	1.70483	746.14200	459.75400	160.61300	90.14200
.601	10.027	-443.85300	-.21650	1.86401	737.10800	401.20500	109.59700	90.43020
.601	11.881	-444.79000	-.21650	1.92627	740.51300	350.21700	56.20360	93.31240
.600	13.852	-443.49200	-.72168	1.72974	742.86600	297.06900	-1.29701	88.62880
.599	15.888	-442.84300	.14434	1.21289	752.97000	244.56900	-64.20180	81.99960
.600	17.886	-443.85300	-.57734	2.02466	766.85000	196.38900	-125.16100	77.74840
	GRADIENT	-.08091	-.07911	-.01788	-7.58156	-26.39155	-18.82604	7.37249

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.697	-1.908	.00000	.00000	.00000	-832.57400	-928.46100	476.81300	52.02440
.700	.005	.00000	.00000	.00000	-720.62600	-857.58900	439.63600	66.36360
.701	2.105	.00000	.00000	.00000	-601.96800	-785.63700	394.03000	79.18950
.701	4.058	.00000	.00000	.00000	-481.01800	-715.41400	342.80400	103.18400
.702	6.096	.00000	.00000	.00000	-354.46600	-644.32600	287.03900	119.68500
.700	7.970	.00000	.00000	.00000	-228.73100	-574.53500	228.89600	123.28800
.699	10.039	.00000	.00000	.00000	-87.82640	-502.15100	161.67600	125.95400
.699	11.895	.00000	.00000	.00000	41.47020	-436.46500	97.26480	129.91700
.699	13.859	.00000	.00000	.00000	176.37000	-369.91500	28.31480	124.72900
.698	15.880	.00000	.00000	.00000	319.06800	-305.74200	-51.00990	116.51500
.699	17.891	.00000	.00000	.00000	455.55100	-246.10600	-127.95700	111.54300
	GRADIENT	.00000	.00000	.00000	58.66648	35.55176	-22.38806	8.30843

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.799	-2.004	.00000	.00000	.00000	-1007.03000	-1123.78999	596.34100	88.48480
.799	-.017	.00000	.00000	.00000	-837.59900	-1001.06000	549.43800	102.75200
.800	2.012	.00000	.00000	.00000	-701.27600	-916.14500	497.13100	114.78500
.800	3.963	.00000	.00000	.00000	-559.34800	-832.30900	438.34000	140.29300
.800	6.025	.00000	.00000	.00000	-409.37300	-748.04100	372.63200	163.13500
.800	7.926	.00000	.00000	.00000	-266.54400	-670.03900	308.00500	168.03500
.800	9.993	.00000	.00000	.00000	-109.83100	-590.95700	231.27400	174.08700
.800	11.885	.00000	.00000	.00000	35.12550	-515.54700	161.02700	175.60000
.800	13.917	.00000	.00000	.00000	201.34500	-433.87200	76.08260	171.85400
.800	15.945	.00000	.00000	.00000	360.00600	-359.76000	-7.56504	164.79200
.800	17.930	.00000	.00000	.00000	514.67500	-292.77700	-95.75170	157.58600
	GRADIENT	.00000	.00000	.00000	74.22442	48.14019	-26.40030	8.39172

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.849	-1.913	.00000	.00000	780.50000	-1049.85001	-1175.42999	654.91600	112.55100
.849	.022	.00000	.00000	777.80000	-882.26600	-1056.38000	603.69000	125.52200
.850	1.976	.00000	.00000	779.10000	-736.39600	-964.76100	550.73500	138.63600
.850	4.042	.00000	.00000	779.00000	-582.63200	-872.49900	489.13400	167.60200
.850	6.043	.00000	.00000	779.70000	-431.09100	-790.39100	420.40000	192.67800
.850	7.988	.00000	.00000	780.40000	-271.55400	-704.39500	347.55900	197.57800
.850	10.078	.00000	.00000	780.70000	-115.44200	-622.50300	273.63800	201.10800
.850	11.928	.00000	.00000	781.90000	38.11500	-547.52600	196.25900	204.27900
.849	13.950	.00000	.00000	780.50000	208.30400	-458.93700	113.25900	200.24400
.850	15.933	.00000	.00000	781.20000	372.16700	-382.87900	26.15340	194.33500
.850	17.980	.00000	.00000	781.00000	537.72500	-309.41500	-66.14000	187.70600
	GRADIENT	.00000	.00000	-.15840	78.05093	50.42922	-27.77956	9.02329

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.901	-1.991	.00000	.00000	.00000	-1083.67000	-1216.92000	714.35500	145.33700
.899	-.038	.00000	.00000	.00000	-922.07300	-1102.39999	665.07500	157.51400
.899	1.974	.00000	.00000	.00000	-760.74900	-998.03600	608.01300	169.40400
.900	3.952	.00000	.00000	.00000	-601.13100	-902.96400	544.46600	199.59500
.900	5.989	.00000	.00000	.00000	-440.15000	-810.70200	475.94900	225.53500
.900	7.876	.00000	.00000	.00000	-288.24700	-731.40300	402.24400	229.57000
.900	10.025	.00000	.00000	.00000	-124.33500	-646.27100	324.86400	234.11000
.900	11.900	.00000	.00000	.00000	30.88230	-569.99800	246.62000	238.79400
.900	13.924	.00000	.00000	.00000	206.83000	-481.19200	160.37900	235.76700
.899	15.891	.00000	.00000	.00000	375.12700	-401.24500	71.32750	228.99400
.899	17.929	.00000	.00000	.00000	545.15200	-324.97200	-24.42430	220.20300
	GRADIENT	.00000	.00000	.00000	81.09695	52.72804	-28.57028	8.80503

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.950	-1.972	.00000	.00000	915.00000	-1100.35001	-1238.74001	776.60500	186.40900
.950	.045	.00000	.00000	913.70000	-944.32900	-1131.57001	726.46000	197.14500
.950	1.988	.00000	.00000	915.30000	-781.30400	-1026.34000	670.26200	209.17900
.950	4.016	.00000	.00000	915.40000	-618.69700	-928.02900	606.06800	238.79400
.950	6.057	.00000	.00000	915.40000	-449.92000	-832.52500	532.79500	264.44500
.950	7.981	.00000	.00000	914.70000	-299.99400	-754.30700	460.38600	268.04800
.951	10.031	.00000	.00000	916.50000	-125.95700	-664.42100	378.03600	275.75800
.950	11.930	.00000	.00000	916.30000	28.36030	-587.50000	300.44000	278.42400
.949	14.018	.00000	.00000	915.00000	215.93600	-492.64400	206.41700	275.39800
.950	15.938	.00000	.00000	914.10000	382.09100	-413.12900	118.87900	268.62500
.950	17.931	.00000	.00000	915.60000	548.48400	-338.80100	28.31480	261.63500
	GRADIENT	.00000	.00000	.13908	80.76737	52.10389	-28.52379	8.50734

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.980	-2.030	.00000	.00000	.00000	1393.95000	1253.74001	819.49200	216.02400
.980	.010	.00000	.00000	.00000	1342.50000	1148.31000	764.80100	227.26400
.980	1.987	.00000	.00000	.00000	1290.24001	1036.61000	705.57100	240.09000
.980	4.017	.00000	.00000	.00000	1260.33000	940.46500	639.64000	269.34500
.979	6.008	.00000	.00000	.00000	1239.77000	845.61900	563.54900	288.94400
.979	7.948	.00000	.00000	.00000	1231.85001	764.60100	490.05200	291.97000
.981	9.975	.00000	.00000	.00000	1226.45001	674.94000	407.47600	293.96900
.979	11.942	.00000	.00000	.00000	1228.53999	595.00100	327.06200	304.36400
.980	13.938	.00000	.00000	.00000	1232.89999	508.79800	239.29800	301.48200
.979	15.929	.00000	.00000	.00000	1238.42000	423.89000	148.07500	294.20400
.981	17.964	.00000	.00000	.00000	1256.35001	345.24800	50.79940	285.70200
.980	18.933	.00000	.00000	.00000	1266.24001	310.68000	4.53952	285.26900
	GRADIENT	.00000	.00000	.00000	-22.51954	-52.26344	-29.76320	8.59077

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.051	-1.981	.00000	.00000	.00000	1247.78000	1116.75999	803.27900	252.91600
1.049	.002	.00000	.00000	.00000	1205.96001	1029.48000	755.72200	261.56300
1.050	2.007	.00000	.00000	.00000	1168.28000	937.22500	702.54500	273.66800
1.049	4.009	.00000	.00000	.00000	1136.17000	847.78000	644.61200	297.95100
1.051	6.077	.00000	.00000	.00000	1120.34000	763.73700	578.89700	317.40600
1.050	7.994	.00000	.00000	.00000	1115.71001	693.08800	513.18200	320.07200
1.050	9.971	.00000	.00000	.00000	1111.61000	615.09400	439.68500	325.26000
1.050	11.999	.00000	.00000	.00000	1113.78000	540.34100	363.16200	330.37600
1.049	13.935	.00000	.00000	.00000	1113.85001	464.50700	285.55700	325.90900
1.049	15.931	.00000	.00000	.00000	1117.64999	387.37700	203.63000	317.76700
1.049	17.964	.00000	.00000	.00000	1130.74001	317.37700	119.54100	310.70500
1.050	18.963	.00000	.00000	.00000	1143.03000	287.99400	78.46890	310.63300
	GRADIENT	.00000	.00000	.00000	-18.64603	-45.01566	-26.49372	7.37264

0A232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.100	-2.011	.00000	.00000	.00000	1280.19000	1141.39000	871.80400	304.29200
1.100	.036	.00000	.00000	.00000	1244.13000	1054.97000	821.43700	312.36200
1.099	1.984	.00000	.00000	.00000	1200.05000	958.83000	767.17900	321.73000
1.099	4.064	.00000	.00000	.00000	1169.19000	868.08900	706.00400	347.23800
1.101	6.016	.00000	.00000	.00000	1151.21001	783.61300	639.20800	363.95400
1.099	7.998	.00000	.00000	.00000	1144.37000	709.94000	570.46700	365.54000
1.101	9.959	.00000	.00000	.00000	1140.35001	628.70500	495.45600	372.02500
1.100	11.929	.00000	.00000	.00000	1144.88000	560.65000	423.47200	374.61900
1.100	13.880	.00000	.00000	.00000	1149.98000	483.08800	343.70700	372.88900
1.101	15.803	.00000	.00000	.00000	1155.98000	405.95800	261.77900	364.89100
1.100	17.929	.00000	.00000	.00000	1165.39000	334.44500	179.85200	357.54200
	GRADIENT	.00000	.00000	.00000	-18.67650	-45.39842	-27.34992	6.86582

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.149	-1.946	.00000	.00000	.00000	1284.28000	1131.67000	906.39100	326.99000
1.151	.041	.00000	.00000	.00000	1254.75000	1051.08000	857.53700	332.32200
1.149	2.010	.00000	.00000	.00000	1218.28999	963.58300	804.79200	339.96000
1.150	4.046	.00000	.00000	.00000	1190.61000	872.84200	742.53600	367.55700
1.150	6.022	.00000	.00000	.00000	1175.32001	791.60700	676.38900	381.89600
1.149	7.940	.00000	.00000	.00000	1167.00999	719.01400	609.80900	382.97700
1.151	9.996	.00000	.00000	.00000	1162.94000	641.66800	537.82500	386.72400
1.150	11.910	.00000	.00000	.00000	1162.11000	572.10000	467.78700	393.64100
1.150	13.852	.00000	.00000	.00000	1162.45000	498.42700	394.07400	391.76800
1.149	15.884	.00000	.00000	.00000	1163.75999	420.80500	314.30800	384.27400
1.150	17.883	.00000	.00000	.00000	1173.81000	352.37700	236.27100	379.44700
	GRADIENT	.00000	.00000	.00000	-15.91140	-43.32004	-27.29775	6.50175

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.200	-2.026	.00000	.00000	.00000	-967.64500	-1139.83000	940.11400	341.04100
1.200	.095	.00000	.00000	.00000	-834.68800	-1053.22000	892.77300	342.12200
1.200	1.941	.00000	.00000	.00000	-699.39500	-971.78400	839.81200	344.86000
1.201	4.006	.00000	.00000	.00000	-552.43900	-881.71200	782.52700	375.05100
1.200	6.036	.00000	.00000	.00000	-408.93600	-802.44000	716.59600	390.75900
1.199	7.909	.00000	.00000	.00000	-277.03400	-732.45600	652.17800	393.42500
1.201	9.941	.00000	.00000	.00000	-126.46800	-657.72000	578.24900	401.42400
1.199	11.883	.00000	.00000	.00000	7.86499	-590.11200	509.72300	411.58300
1.199	13.868	.00000	.00000	.00000	153.79300	-517.96800	437.74000	410.21400
1.199	15.898	.00000	.00000	.00000	307.65000	-441.50400	362.94600	404.37800
1.200	17.950	.00000	.00000	.00000	451.75300	-374.32800	287.71900	401.20700
	GRADIENT	.00000	.00000	.00000	69.20634	42.90269	-26.33812	5.26251

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.299	-1.986	.00000	.00000	.00000	-848.14300	-1037.78999	916.45000	339.81600
1.300	-.006	.00000	.00000	.00000	-734.32000	-968.21800	874.30200	331.60200
1.300	2.003	.00000	.00000	.00000	-612.00200	-888.27100	827.83 00	328.43100
1.300	4.023	.00000	.00000	.00000	-480.50000	-810.70200	772.49800	363.88300
1.301	6.014	.00000	.00000	.00000	-349.30100	-741.77500	712.62600	384.70700
1.301	7.960	.00000	.00000	.00000	-240.44900	-691.92300	664.42600	386.36400
1.300	9.956	.00000	.00000	.00000	-127.64100	-625.31200	608.22900	391.69600
1.300	11.944	.00000	.00000	.00000	-4.77173	-565.89200	545.97900	410.93500
1.299	13.928	.00000	.00000	.00000	121.60000	-501.50300	483.29800	409.85400
1.300	15.933	.00000	.00000	.00000	253.32200	-434.95300	416.72500	398.90200
1.300	17.979	.00000	.00000	.00000	380.17200	-373.58800	348.64000	395.15500
	GRADIENT	.00000	.00000	.00000	61.16141	37.99693	-23.87984	3.46530

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.400	-1.935	.00000	.00000	.00000	-814.75400	-1044.06000	959.89500	328.14300
1.400	.005	.00000	.00000	.00000	-712.30700	-980.53400	920.77300	310.20100
1.400	1.991	.00000	.00000	.00000	-598.34500	-910.09500	874.95000	307.53500
1.400	4.002	.00000	.00000	.00000	-479.64200	-835.33400	830.20900	331.31300
1.399	6.067	.00000	.00000	.00000	-352.20600	-765.54300	773.36300	350.62400
1.400	8.005	.00000	.00000	.00000	-237.34300	-706.33900	721.70400	330.88100
1.400	10.062	.00000	.00000	.00000	-118.19200	-641.94900	664.64200	345.50800
1.399	11.982	.00000	.00000	.00000	-12.22490	-588.79600	608.22900	431.47100
1.400	13.953	.00000	.00000	.00000	102.15200	-534.56200	550.08600	425.85100
1.400	15.999	.00000	.00000	.00000	228.92700	-473.19700	485.67500	356.82100
1.400	17.976	.00000	.00000	.00000	345.86300	-419.39600	423.64200	370.72800
	GRADIENT	.00000	.00000	.00000	56.54874	35.19514	-21.97053	.38303

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.549	-1.816	.00000	.00000	.00000	-712.01100	-997.82000	899.59100	134.96100
1.550	.129	.00000	.00000	.00000	-626.05500	-943.15400	867.60200	153.33500
1.551	2.137	.00000	.00000	.00000	-530.36000	-880.27700	833.88300	167.31400
1.550	4.139	.00000	.00000	.00000	-434.91500	-821.50500	795.40900	178.62700
1.550	6.194	.00000	.00000	.00000	-333.87900	-762.08500	753.69400	210.11500
1.550	8.094	.00000	.00000	.00000	-235.15700	-712.60500	708.95200	226.32800
1.550	10.106	.00000	.00000	.00000	-131.35600	-654.49200	665.07500	246.14300
1.550	11.921	.00000	.00000	.00000	-37.44260	-607.16200	614.28100	261.13100
1.551	13.891	.00000	.00000	.00000	72.47220	-552.49600	558.73200	271.07400
1.550	15.882	.00000	.00000	.00000	182.07500	-499.55800	502.96700	266.24700
1.550	17.910	.00000	.00000	.00000	291.59400	-445.32400	448.28200	253.70900
	GRADIENT	.00000	.00000	.00000	46.64516	29.77973	-17.42474	7.28844

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.260	7.995	.00000	.00000	.00000	-289.84400	-698.12800	661.61600	342.41000
1.260	11.981	.00000	.00000	.00000	-37.11940	-566.75700	539.06300	378.51000
1.261	15.954	.00000	.00000	.00000	228.74500	-433.44000	407.21500	354.87600
1.260	17.997	.00000	.00000	.00000	364.73300	-370.99500	335.67100	353.43500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.280	7.973	.00000	.00000	.00000	-285.47700	-701.15300	672.42400	347.31000
1.279	12.004	.00000	.00000	.00000	-34.04740	-572.80600	548.14100	388.16600
1.280	16.026	.00000	.00000	.00000	232.69800	-438.41000	416.29300	360.71200
1.281	17.973	.00000	.00000	.00000	361.51800	-376.39700	350.58500	359.92000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.300	7.980	.00000	.00000	.00000	-291.31800	-709.79600	687.12100	351.77700
1.299	12.031	.00000	.00000	.00000	-40.13350	-580.15300	566.08100	398.97400
1.300	15.998	.00000	.00000	.00000	222.37000	-448.34900	434.88100	368.35000
1.299	18.005	.00000	.00000	.00000	356.69000	-385.25600	363.55400	365.61200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.321	7.999	.00000	.00000	.00000	-291.85900	-714.11700	699.44200	335.92500
1.320	11.971	.00000	.00000	.00000	-44.66750	-589.22800	576.24000	411.29500
1.320	16.033	.00000	.00000	.00000	219.75800	-457.42400	447.41800	365.90000
1.320	17.990	.00000	.00000	.00000	347.78800	-393.46700	380.84500	363.30600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.340	7.967	.00000	.00000	.00000	-294.38400	-721.24800	715.43600	319.92800
1.341	12.003	.00000	.00000	.00000	-43.14500	-592.03700	589.20800	422.60800
1.340	16.031	.00000	.00000	.00000	211.95900	-463.69000	461.25100	367.77400
1.340	17.999	.00000	.00000	.00000	341.45000	-401.24500	397.70500	367.70200
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (XVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.360	7.963	.00000	.00000	.00000	-291.63900	-723.19300	724.04700	284.62100
1.360	12.007	.00000	.00000	.00000	-52.96410	-598.51900	608.44500	355.95700
1.361	16.017	.00000	.00000	.00000	201.40200	-474.27800	480.92000	339.60000
1.361	18.000	.00000	.00000	.00000	332.78300	-409.24000	416.07700	359.63100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.380	7.969	.00000	.00000	.00000	-290.04900	-727.29800	737.05100	242.10800
1.380	11.979	.00000	.00000	.00000	-57.57250	-606.51400	623.35900	270.42600
1.380	16.017	.00000	.00000	.00000	194.02700	-484.21700	493.45600	292.90700
1.380	17.982	.00000	.00000	.00000	323.48100	-419.39600	431.42300	309.62500
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.400	7.959	.00000	.00000	.00000	-284.17500	-727.73000	746.34500	233.38900
1.400	11.972	.00000	.00000	.00000	-57.61350	-613.21200	633.30200	263.50900
1.401	15.967	.00000	.00000	.00000	186.38500	-490.26700	510.74800	282.93200
1.400	18.000	.00000	.00000	.00000	317.29900	-427.39000	443.31100	279.79300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
1.451	8.074	.00000	.00000	.00000	-285.86200	-746.31200	765.14900	223.37400
1.450	11.939	.00000	.00000	.00000	-61.07540	-628.98500	658.59000	257.09600
1.450	16.053	.00000	.00000	.00000	175.30900	-513.60300	535.38800	253.27700
1.450	18.065	.00000	.00000	.00000	302.26700	-450.23400	473.13900	249.81800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (XVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.199	-3.797	.00000	.00000	.00000	-174.91300	-182.58100	90.13200	-4.89981
.200	-1.827	.00000	.00000	.00000	-153.65200	-167.02400	84.72840	-.93673
.199	.128	.00000	.00000	.00000	-131.04500	-154.70700	74.13740	3.38663
.200	2.188	.00000	.00000	.00000	-110.24700	-143.25600	65.49160	7.78205
.200	4.178	.00000	.00000	.00000	-91.41140	-130.94000	59.87190	11.67310
.201	6.184	.00000	.00000	.00000	-70.93330	-118.62300	51.00990	12.75390
.200	8.191	.00000	.00000	.00000	-44.06810	-105.65900	37.60900	13.83480
.200	10.196	.00000	.00000	.00000	-19.81590	-92.47880	25.93730	14.26710
.201	12.206	.00000	.00000	.00000	6.06860	-79.94660	13.18480	14.33910
.201	14.201	.00000	.00000	.00000	32.55000	-67.84660	-1.29686	13.04210
.201	16.191	.00000	.00000	.00000	61.40890	-54.23400	-16.64310	11.88920
	GRADIENT	.00000	.00000	.00000	10.53691	6.36101	-3.99480	2.09696

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.249	-3.792	.00000	.00000	.00000	-177.97400	-184.30900	90.56430	-2.59402
.250	-1.773	.00000	.00000	.00000	-155.13200	-167.45600	85.37680	1.36906
.250	.184	.00000	.00000	.00000	-128.76800	-151.68200	74.78580	4.89981
.250	2.014	.00000	.00000	.00000	-108.25400	-140.44700	65.70770	8.14233
.250	4.008	.00000	.00000	.00000	-90.33470	-128.13100	60.30410	12.03340
.249	6.214	.00000	.00000	.00000	-68.21170	-115.16600	50.14540	13.40240
.249	8.120	.00000	.00000	.00000	-44.34010	-102.85000	38.68980	13.97890
.249	10.135	.00000	.00000	.00000	-20.11990	-90.31810	26.80180	14.33910
.248	12.159	.00000	.00000	.00000	4.44673	-77.78590	14.26550	14.33910
.248	14.153	.00000	.00000	.00000	29.40110	-65.90190	1.29686	13.25830
.247	16.205	.00000	.00000	.00000	56.47950	-53.15370	-13.83320	12.03340
	GRADIENT	.00000	.00000	.00000	11.45910	7.19364	-4.13063	1.85874

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (XVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.398	-3.955	.00000	.00000	.00000	-356.91400	-371.42700	184.58700	-4.17925
.398	-1.919	.00000	.00000	.00000	-312.24800	-337.72000	174.42800	2.95430
.399	.045	.00000	.00000	.00000	-264.63800	-310.92700	154.11100	9.58345
.400	2.049	.00000	.00000	.00000	-220.31700	-287.15900	134.65800	17.07730
.401	4.068	.00000	.00000	.00000	-185.11000	-262.09500	124.71500	25.79600
.401	6.054	.00000	.00000	.00000	-140.84100	-238.97600	103.96500	28.17390
.401	10.066	.00000	.00000	.00000	-40.16770	-186.03800	56.62970	30.33560
.401	14.041	.00000	.00000	.00000	61.21970	-136.34100	4.53902	28.39010
.400	18.068	.00000	.00000	.00000	170.28800	-87.29300	-55.98130	23.20200
	GRADIENT	.00000	.00000	.00000	21.75974	13.45389	-7.96609	3.70172

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (XVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.601	-1.984	.00000	.00000	.00000	-676.27400	-735.50900	386.46500	13.97890
.602	2.113	.00000	.00000	.00000	-468.64500	-616.22700	300.00800	41.50420
.603	6.096	.00000	.00000	.00000	-297.95900	-508.84900	237.11000	69.75020
.603	10.092	.00000	.00000	.00000	-90.32620	-399.73300	140.49400	75.01030
.602	14.084	.00000	.00000	.00000	124.46300	-292.77700	30.26010	69.53400
.600	18.076	.00000	.00000	.00000	346.68600	-192.30400	-93.59030	62.32840
	GRADIENT	.00000	.00000	.00000	50.67224	29.10855	-21.09999	6.71760

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (XVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.701	-1.948	.00000	.00000	.00000	-859.29600	-936.45600	499.94100	33.43400
.703	.2.092	.00000	.00000	.00000	-584.55700	-775.91400	388.84300	61.67990
.702	6.062	.00000	.00000	.00000	-376.74000	-638.92500	317.51500	98.21230
.701	10.088	.00000	.00000	.00000	-118.13300	-498.69400	197.33900	104.40900
.699	14.026	.00000	.00000	.00000	146.87700	-367.10600	61.81720	100.51800
.696	18.000	.00000	.00000	.00000	417.68700	-244.37700	-90.56430	90.79050
	GRADIENT	.00000	.00000	.00000	68.01733	39.74550	-27.50461	6.99286

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (XVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.800	8.002	.00000	.00000	.00000	-294.66000	-665.28500	341.07500	139.78900
.800	12.022	.00000	.00000	.00000	10.89920	-508.84900	192.15200	146.05700
.800	16.027	.00000	.00000	.00000	325.19000	-358.03100	29.17940	137.26700
.799	18.019	.00000	.00000	.00000	481.38700	-289.96800	-59.65570	132.58300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (XVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	DP102	DP103	DP104	DP105	DP106	DP107	DP108
.599	-4.003	-307.56500	-35.39790	407.53300	.00000	.00000	.00000	-25.70400
.599	-1.912	-223.95200	-6.58226	464.53000	.00000	.00000	.00000	3.96000
.599	.098	-156.12500	39.27420	486.20000	.00000	.00000	.00000	28.72800
.599	2.071	-102.78600	77.81700	500.89700	.00000	.00000	.00000	57.67200
.600	4.096	-61.77250	92.00540	530.12200	.00000	.00000	.00000	90.14400
.599	6.060	-31.21060	98.51450	551.57500	.00000	.00000	.00000	98.42400
.600	8.066	-10.81200	105.68200	567.80600	.00000	.00000	.00000	104.61600
.600	10.055	-1.08120	108.16900	574.15000	.00000	.00000	.00000	111.02400
.599	12.082	.14416	106.85200	574.09200	.00000	.00000	.00000	111.60000
.598	14.035	-2.66696	102.90300	573.63100	.00000	.00000	.00000	105.98400
.599	16.091	-15.64130	97.92950	568.42900	.00000	.00000	.00000	98.85590
	GRADIENT	30.39059	16.80385	13.98458	.00000	.00000	.00000	14.14082

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (ZVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.202	-3.800	3407.60001	-11.26200	-.23757	.00577	.00000	.01377	3453.79001	83.70000	543.37000	-.10000
.200	-1.769	3402.00000	-9.23700	-.23219	.00640	.00000	.00966	3459.07001	83.60000	543.27000	-.10000
.200	.186	3406.89999	-7.28800	-.22577	.00676	.00000	.00593	3471.09000	83.70000	543.37000	-.10000
.200	2.183	3407.70001	-5.29800	-.21889	.00699	.00000	.00225	3478.72000	83.60000	543.27000	-.10000
.201	4.203	3408.20001	-3.28500	-.21208	.00703	.00000	-.00185	3492.45999	83.60000	543.27000	-.09000
.200	6.211	3408.39999	-1.28300	-.20526	.00663	.00000	-.00100	3496.84000	83.50000	543.17000	-.25000
.200	8.188	3403.10001	.68500	-.19826	.00877	.00000	-.00367	3494.57001	83.40000	543.07000	.42000
.200	10.192	3408.39999	2.68200	-.18999	.00785	.00000	.00350	3502.03000	83.40000	543.07000	.24000
.200	12.199	3404.39999	4.68000	-.18085	.00734	.00000	-.00146	3497.89001	83.20000	542.87000	.07000
.200	14.190	3410.20001	6.66100	-.17125	.00707	.00000	.00126	3502.37000	83.40000	543.07000	.07000
.200	16.206	3404.50000	8.66700	-.16102	.00770	.00000	.00315	3494.76999	83.10000	542.77000	.07000
.199	18.545	3412.10001	10.99300	-.14824	.00737	.00000	.00635	3497.39001	83.10000	542.77000	.07000
	GRADIENT	.34248	.93678	.00322	.00016	.00000	-.00194	4.85899	-.01008	-.01008	.00100

OA232 AEDC 16T TF431 LF0.2P/S RF0.2A FTP FR22 (ZVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.250	-3.994	2288.39999	-11.26000	-.23425	.00156	.00000	-.00156	2336.48999	74.20000	533.87000	.00000
.251	-1.991	2287.00000	-9.26100	-.23002	.00233	.00000	-.00233	2346.56000	74.80000	534.47000	.00000
.251	-.002	2291.79999	-7.27800	-.22395	.00220	.00000	-.00220	2360.50000	75.30000	534.97000	.00000
.252	2.006	2290.70001	-5.27700	-.21691	.00283	.00000	-.00283	2367.59000	75.50000	535.17000	.00000
.252	4.003	2290.50000	-3.28500	-.21155	.00231	.00000	-.00230	2379.92001	75.70000	535.37000	.00000
.252	6.015	2286.10001	-1.27900	-.20583	.00212	.00000	-.00211	2380.87000	75.90000	535.57000	.00000
.252	8.011	2285.39999	.71100	-.20046	.00362	.00000	-.00049	2383.59000	76.10000	535.77000	.25000
.249	10.215	2294.60001	2.70800	-.19324	.00197	.00000	-.00666	2391.35999	76.30000	535.97000	-.10000
.248	12.197	2292.20001	4.69300	-.18561	.00210	.00000	-.01021	2388.89001	76.40000	536.07000	-.10000
.248	14.193	2292.10001	6.66900	-.17613	.00240	.00000	-.01626	2388.85999	76.40000	536.07000	-.12000
.248	16.215	2290.70001	8.67900	-.16451	.00380	.00000	.01294	2385.06000	76.40000	536.07000	.11000
.248	18.193	2292.00000	10.64500	-.15225	.00344	.00000	-.01620	2382.44000	76.50000	536.17000	-.07000
.248	18.546	2292.70001	10.99600	-.14989	.00373	.00000	-.01689	2382.01001	76.50000	536.17000	-.07000
	GRADIENT	.39463	.99708	.00293	.00010	.00000	-.00010	5.39600	.18504	.18505	.00000

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.398	-3.921	1797.10001	-11.19600	-.27532	.00681	.00000	.01263	1900.11000	89.50000	549.17000	-.10000
.399	-1.992	1661.89999	-9.28500	-.25666	.00702	.00000	.00912	1778.67000	89.40000	549.07000	-.10000
.400	.004	1661.70000	-7.30300	-.24319	.00757	.00000	.00515	1794.35001	89.40000	549.07000	-.10000
.401	1.955	1661.39999	-5.36600	-.22908	.00699	.00000	.00236	1805.13000	89.40000	549.07000	-.10000
.402	4.038	1658.70000	-3.29700	-.21511	.00700	.00000	-.00123	1829.25999	90.10000	549.77000	-.10000
.402	6.021	1662.70000	-1.32800	-.20066	.00771	.00000	-.00535	1842.75000	90.90000	550.57000	-.10000
.402	8.027	1661.30000	.66100	-.18499	.00977	.00000	-.00345	1847.52000	91.70000	551.37000	.54000
.402	10.060	1661.10001	2.67800	-.16776	.00764	.00000	-.00238	1850.11000	91.90000	551.57000	.11000
.403	12.046	1660.60001	4.64600	-.14994	.00768	.00000	-.00994	1850.22000	92.00000	551.67000	-.03000
.403	14.047	1660.30000	6.62800	-.13074	.00674	.00000	-.01000	1849.87000	92.10000	551.77000	-.03000
.404	16.044	1660.60001	8.60400	-.10993	.00705	.00000	-.01126	1847.14000	92.50000	552.17000	-.03000
.404	18.457	1659.60001	10.99300	-.08545	.00705	.00000	-.01241	1836.88000	91.60000	551.27000	-.03000
	GRADIENT	-13.84046	.99256	.00744	.00002	.00000	-.00173	-5.66845	.06134	.06134	-.00000

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (ZVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.600	-3.926	1262.00000	-11.17200	-.31439	.00990	.00000	-.01181	1451.14000	100.40000	560.07000	.01000
.600	-1.919	1260.89999	-9.18900	-.29118	.01025	.00000	-.01184	1480.64000	100.50000	560.17000	.01000
.600	.047	1263.00000	-7.24400	-.26914	.00923	.00000	.00842	1510.78999	100.70000	560.37000	-.14000
.600	2.062	1260.20000	-5.25300	-.24519	.01069	.00000	-.01343	1528.03000	100.80000	560.47000	.03000
.600	4.067	1261.39999	-3.27300	-.22068	.01141	.00000	.00574	1569.80000	100.90000	560.57000	-.30000
.601	6.039	1261.80000	-1.32700	-.19383	.01193	.00000	-.00492	1586.25999	101.00000	560.67000	-.30000
.602	8.092	1260.39999	.69700	-.16462	.01775	.00000	-.00468	1594.08000	101.00000	560.67000	1.06000
.599	10.057	1261.00000	2.63300	-.13588	.01263	.00000	-.00325	1596.98000	100.80000	560.47000	.20000
.600	12.033	1258.60001	4.57800	-.10469	.01223	.00000	.00400	1595.06000	100.90000	560.57000	.20000
.599	14.076	1260.80000	6.58700	-.07104	.01203	.00000	.01127	1595.50999	100.80000	560.47000	.20000
.598	16.041	1260.00000	8.51900	-.03790	.01079	.00000	-.01037	1588.70000	100.90000	560.57000	.00000
.599	18.555	1263.50000	10.98800	.00736	.01079	.00000	-.00642	1579.92000	100.90000	560.57000	.02000
	GRADIENT	-.09603	.98829	.01169	.00017	.00000	.00167	14.25906	.06508	.06508	-.03003

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.698	-4.032	1051.20000	-11.26300	-.32924	.01165	.00000	.02744	1282.14999	101.00000	560.67000	-.20000
.700	-1.862	1048.89999	-9.11600	-.30585	.01125	.00000	-.01283	1310.60001	100.70000	560.37000	.01000
.702	.106	1048.50000	-7.17300	-.28114	.01235	.00000	-.01360	1343.12000	100.50000	560.17000	.01000
.702	2.124	1047.80000	-5.18600	-.24987	.01064	.00000	.00744	1371.14000	100.50000	560.17000	-.20000
.702	4.128	1049.70000	-3.21200	-.21973	.01374	.00000	-.01371	1416.50999	100.50000	560.17000	.00000
.702	6.108	1046.20000	-1.26300	-.18869	.01140	.00000	.00145	1426.95000	100.30000	559.97000	-.58000
.701	8.109	1048.70000	.70500	-.15575	.01945	.00000	-.00584	1439.11000	100.40000	560.07000	1.09000
.701	10.053	1050.89999	2.61500	-.12215	.01454	.00000	-.00565	1446.35001	100.40000	560.07000	.19000
.700	12.059	1048.89999	4.58400	-.08499	.01344	.00000	.00363	1443.28999	100.30000	559.97000	.21000
.698	14.072	1053.60001	6.55800	-.04573	.01237	.00000	-.00972	1447.07001	100.50000	560.17000	.02000
.697	16.054	1052.60001	8.50000	-.00561	.01156	.00000	-.00668	1438.87000	100.40000	560.07000	.03000
.700	18.597	1050.39999	10.98600	.05086	.01044	.00000	-.00418	1424.46001	100.40000	560.07000	.03000
	GRADIENT	-.20605	.98648	.01353	.00017	.00000	-.00312	16.19842	-.05948	-.05948	.00968

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (ZVR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.797	-4.033	893.50000	-11.20100	-.33250	.01428	.00000	-.01424	1178.92999	100.40000	560.07000	.00000
.800	-1.961	894.00000	-9.15900	-.30174	.01227	.00000	-.01227	1202.22000	100.60000	560.27000	.00000
.801	.024	891.90000	-7.20400	-.27228	.01251	.00000	-.01251	1229.30000	100.30000	559.97000	.00000
.802	1.998	888.60000	-5.26600	-.23559	.01380	.00000	-.01380	1254.92999	100.10000	559.77000	.00000
.799	4.038	889.00000	-3.25700	-.20451	.01319	.00000	.00047	1308.60001	100.10000	559.77000	-.24000
.799	5.997	888.20000	-1.33100	-.17159	.01128	.00000	.00202	1323.53999	100.10000	559.77000	-.57000
.799	8.010	888.70000	.64600	-.13644	.01923	.00000	-.00777	1333.87000	100.30000	559.97000	1.00000
.799	10.015	891.60000	2.61400	-.09970	.01502	.00000	-.00385	1343.75000	100.20000	559.87000	.24000
.798	11.997	892.20000	4.55700	-.06007	.01526	.00000	.00414	1344.48000	100.30000	559.97000	.24000
.799	14.004	890.90000	6.52200	-.01777	.01559	.00000	-.01626	1342.56000	100.40000	560.07000	-.01000
.799	15.993	892.50000	8.46200	.03144	.01500	.00000	-.00707	1339.94000	100.30000	559.97000	.05000
.800	17.991	889.00000	10.41100	.08023	.01227	.00000	-.00444	1326.03000	100.50000	560.17000	.04000
	GRADIENT	-.71370	.98400	.01602	-.00003	.00000	.00139	15.52297	-.05441	-.05441	-.02390

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (ZVR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.599	-3.401	1258.39999	10.98200	.13820	.00615	.00000	-.24045	1456.25000	99.80000	559.47000	-178.77000
.598	-1.403	1262.30000	9.00800	.16213	.00521	.00000	-.19779	1486.92000	99.90000	559.57000	-178.77000
.599	.646	1261.30000	6.98300	.18692	.00433	.00000	-.15387	1513.59000	99.80000	559.47000	-178.77000
.599	2.654	1261.50000	5.00000	.21173	.00438	.00000	-.11158	1552.28000	99.70000	559.37000	-178.77000
.599	4.671	1257.80000	3.00600	.23592	.00455	.00000	-.06904	1569.22000	99.70000	559.37000	-178.77000
.600	6.702	1259.80000	1.00100	.26232	.00501	.00000	-.02646	1585.72000	99.90000	559.57000	-178.77000
	GRADIENT	-.09964	-.98809	.01213	-.00020	.00000	.02124	14.41952	-.01984	-.01984	-.00000

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (ZVR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.402	8.090	1662.70000	.72700	-.18709	.00612	.00000	-.00225	1848.64000	84.80000	544.47000	.30000
.402	10.029	1663.80000	2.65000	-.17084	.00413	.00000	-.00869	1852.28000	86.60000	546.27000	-.10000
.398	12.103	1664.30000	4.70500	-.15232	.00443	.00000	-.00105	1849.64000	88.10000	547.77000	.04000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.205	-1.736	3578.89999	-9.21100	-.22476	.00063	.00000	-.00223	3643.57001	71.20000	530.87000	.01000
.203	.234	3578.50000	-7.24700	-.21894	.00287	.00000	-.00413	3653.03000	71.40000	531.07000	.01000
.201	2.291	3584.50000	-5.19700	-.21155	.00260	.00000	-.00350	3667.41000	71.50000	531.17000	.01000
.199	4.149	3581.20001	-3.34500	-.20595	.00229	.00000	-.00286	3669.28000	71.40000	531.07000	.01000
.198	6.163	3583.50000	-1.33800	-.19936	.00168	.00000	-.00190	3676.32999	71.50000	531.17000	.01000
.199	8.167	3585.70001	.66000	-.19278	.00151	.00000	-.00138	3682.42999	71.60000	531.27000	.01000
.199	10.177	3579.10001	2.66200	-.18481	.00190	.00000	-.00140	3676.56000	71.50000	531.17000	.01000
.200	12.191	3583.39999	4.66700	-.17556	.00301	.00000	-.00213	3681.48999	71.70000	531.37000	.01000
.200	14.188	3582.50000	6.65400	-.16602	.00343	.00000	-.00217	3681.57999	71.70000	531.37000	.01000
.200	16.186	3580.70001	8.64100	-.15464	.00402	.00000	-.00236	3676.79001	71.90000	531.57000	.01000
	GRADIENT	.67000	.99676	.00324	.00024	.00000	-.00007	4.66452	.03601	.03601	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.249	-1.876	2305.50000	-9.35100	-.22522	-.00068	.00000	.00068	2365.20999	77.40000	537.07000	.00000
.252	.057	2303.00000	-7.22700	-.21649	-.00129	.00000	.00129	2377.10999	77.90000	537.57000	.00000
.250	1.995	2303.79999	-5.29600	-.20938	-.00179	.00000	.00179	2384.66000	78.10000	537.77000	.00000
.250	4.120	2303.79999	-3.37700	-.20286	-.00117	.00000	.00117	2391.39999	78.30000	537.97000	.00000
.249	6.124	2303.70001	-1.38000	-.19586	-.00103	.00000	.00102	2396.54001	78.40000	538.07000	.00000
.250	8.170	2303.20001	.65800	-.18806	-.00121	.00000	.00119	2399.92999	78.60000	538.27000	.00000
.250	10.164	2302.89999	2.64400	-.17974	-.00135	.00000	.00133	2401.48999	78.70000	538.37000	.00000
.250	12.193	2302.20001	4.66300	-.16997	-.00158	.00000	.00155	2400.76999	78.80000	538.47000	.00000
.250	14.177	2301.79999	6.63700	-.16013	-.00122	.00000	.00119	2398.59000	79.00000	538.67000	.00000
.251	15.988	2300.20001	8.63700	-.14908	-.00041	.00000	.00039	2395.62000	79.30000	538.97000	.00000
	GRADIENT	-.21148	.99532	.00372	-.00010	.00000	.00009	4.30847	.14486	.14486	.00000

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.396	-3.998	1666.89999	-11.27800	-.26997	.00426	.00000	-.00424	1758.64000	80.00000	539.67000	.00000
.397	-1.853	1665.30000	-9.14400	-.25860	.00527	.00000	-.00527	1783.36000	82.10000	541.77000	.00000
.398	.077	1666.50000	-7.22400	-.24878	.00567	.00000	-.00567	1805.33000	83.60000	543.27000	.00000
.398	2.150	1667.00000	-5.16400	-.23579	.00644	.00000	-.00643	1822.78000	84.30000	543.97000	.00000
.399	4.000	1664.39999	-3.32500	-.22464	.00713	.00000	-.00769	1831.74001	84.70000	544.37000	.01000
.399	6.023	1665.10001	-1.31800	-.20915	.00706	.00000	-.00242	1842.59000	85.30000	544.97000	-.20000
.399	8.015	1664.50000	.65700	-.19302	.01107	.00000	-.00294	1847.67000	85.60000	545.27000	.70000
.399	10.050	1664.00000	2.67600	-.17578	.00784	.00000	-.00352	1850.23000	86.20000	545.87000	.09000
.400	12.038	1663.20000	4.64500	-.15710	.00736	.00000	.00009	1850.32001	86.60000	546.27000	.09000
.400	14.016	1663.10001	6.60400	-.13852	.00615	.00000	.00554	1848.82001	86.90000	546.57000	.10000
.399	16.046	1663.50000	8.61400	-.11827	.00555	.00000	.00965	1844.58000	87.30000	546.97000	.10000
	GRADIENT	-.16294	.99433	.00567	.00035	.00000	-.00040	9.30564	.58287	.58287	.00098

OA232 AEDC 16T TF431 LFN.15 RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.597	-3.912	1727.89999	-11.13300	-.33939	.00495	.00000	-.00108	1977.17000	111.10000	570.77000	-.02000
.598	-1.986	1727.30000	-9.23500	-.31099	.00718	.00000	-.00396	2031.59000	110.90000	570.57000	-.02000
.599	.064	1722.89999	-7.21700	-.27892	.00850	.00000	-.00599	2074.75000	110.80000	570.47000	-.02000
.599	2.044	1720.60001	-5.26800	-.24834	.00840	.00000	-.00656	2106.51999	110.80000	570.47000	-.02000
.600	4.048	1721.60001	-3.29800	-.21438	.01007	.00000	-.00947	2137.00000	110.80000	570.47000	-.01000
.600	6.067	1723.10001	-1.31500	-.17773	.01030	.00000	-.01002	2161.10999	110.70000	570.37000	-.01000
.600	8.052	1723.70000	.63300	-.14065	.00971	.00000	-.00973	2174.89001	110.80000	570.47000	-.01000
.599	10.064	1722.00000	2.60400	-.10000	.00906	.00000	-.00938	2177.76001	110.80000	570.47000	-.01000
.599	12.054	1722.00000	4.55000	-.05605	.00849	.00000	-.00830	2179.13000	110.90000	570.57000	.00000
.599	14.089	1723.39999	6.54000	-.01071	.00867	.00000	-.00841	2179.20999	110.90000	570.57000	.00000
.598	16.036	1725.00000	8.44100	.03491	.00856	.00000	-.00823	2170.85999	110.90000	570.57000	.00000
	GRADIENT	-.96883	.98433	.01567	.00057	.00000	-.00097	19.76758	-.03500	-.03499	.00100

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.699	-1.948	1537.60001	-9.17100	-.33715	.00410	.00000	-.00569	1940.37000	110.90000	570.57000	.01000
.700	.086	1537.80000	-7.17700	-.29694	.00452	.00000	-.00577	1992.41000	110.80000	570.47000	.01000
.701	2.068	1536.80000	-5.23800	-.25393	.00435	.00000	-.00435	2033.64000	110.60000	570.27000	.00000
.701	4.043	1537.00000	-3.30300	-.21398	.00669	.00000	-.00725	2065.79001	110.50000	570.17000	.01000
.702	6.053	1539.00000	-1.33700	-.16982	.00531	.00000	-.00528	2093.60001	110.40000	570.07000	.00000
.702	8.087	1539.60001	.65000	-.12252	.00552	.00000	-.00536	2110.04001	110.40000	570.07000	.01000
.701	10.054	1541.20000	2.56800	-.07364	.00499	.00000	-.00447	2118.57999	110.40000	570.07000	.01000
.700	12.048	1541.70000	4.50800	-.01984	.00589	.00000	-.00498	2120.94000	110.60000	570.27000	.01000
.699	14.091	1544.20000	6.49300	.03830	.00550	.00000	-.00421	2118.48001	110.80000	570.47000	.01000
.698	16.021	1546.39999	8.36700	.09381	.00442	.00000	.00302	2112.35999	110.80000	570.47000	.05000
	GRADIENT	-.14004	.97933	.02067	.00038	.00000	-.00016	20.93503	-.07013	-.07013	-.00051

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.800	-1.928	1404.60001	-9.07900	-.34861	.00622	.00000	.00483	1927.72000	109.80000	569.47000	-.07000
.800	.088	1403.39999	-7.11200	-.29968	.00660	.00000	.00206	1981.75999	110.20000	569.87000	-.07000
.800	1.962	1402.80000	-5.28800	-.24984	.00691	.00000	.00047	2024.99001	110.40000	570.07000	-.08000
.799	3.918	1406.20000	-3.38100	-.20095	.01041	.00000	-.00567	2063.26999	110.40000	570.07000	-.08000
.800	5.929	1406.70000	-1.42400	-.14708	.00977	.00000	-.00350	2092.25000	110.30000	569.97000	-.25000
.800	7.964	1405.80000	.55500	-.09170	.01627	.00000	-.00720	2108.22000	110.20000	569.87000	.92000
.800	9.998	1404.89999	2.52700	-.02914	.01173	.00000	-.00714	2115.98999	110.20000	569.87000	.10000
.800	11.984	1404.10001	4.44600	.03789	.01219	.00000	-.00417	2116.48001	110.20000	569.87000	.10000
.800	13.984	1403.30000	6.37400	.10998	.01220	.00000	.00037	2113.20999	110.10000	569.77000	.11000
.800	16.014	1402.70000	8.32800	.18642	.01061	.00000	.00429	2102.63000	109.90000	569.57000	.10000
	GRADIENT	.21470	.97462	.02538	.00066	.00000	-.00170	23.18873	.10334	.10334	-.00205

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.850	-1.986	1334.70000	-9.13100	-.35467	-.00029	.00000	.01616	1918.19000	110.20000	569.87000	-.10000
.850	-.060	1334.00000	-7.25600	-.30334	.00441	.00000	.00948	1971.64999	110.20000	569.87000	-.11000
.850	1.941	1334.60001	-5.31300	-.24573	.00792	.00000	-.01347	2020.84000	110.10000	569.77000	.06000
.850	3.959	1335.89999	-3.35200	-.18934	.00944	.00000	-.00474	2059.44000	110.30000	569.97000	-.08000
.850	5.921	1335.60001	-1.44500	-.13379	.00965	.00000	-.00153	2086.51001	110.20000	569.87000	-.32000
.850	7.977	1335.50000	.54700	-.07233	.01705	.00000	-.00696	2105.57999	110.20000	569.87000	1.04000
.850	9.994	1335.39999	2.50000	-.00612	.01347	.00000	-.00323	2114.35001	110.20000	569.87000	.23000
.850	12.000	1336.00000	4.43200	.06736	.01323	.00000	.00483	2115.95001	110.10000	569.77000	.23000
.850	13.998	1335.10001	6.35200	.14584	.01231	.00000	-.01084	2113.41000	110.00000	569.67000	.01000
.850	16.000	1335.10001	8.27600	.22361	.01156	.00000	-.00967	2103.66000	109.90000	569.57000	.01000
.850	18.007	1336.30000	10.19900	.30825	.00868	.00000	-.00826	2086.47000	110.20000	569.87000	.00000
	GRADIENT	.21414	.97207	.02792	.00165	.00000	-.00431	23.82615	.01026	.01026	.01152

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.902	-3.966	1277.00000	-11.01600	-.44937	.00571	.00000	.04589	1865.20000	109.30000	568.97000	-.27000
.903	-2.086	1276.30000	-9.20400	-.38132	.00811	.00000	.03509	1926.81000	109.30000	568.97000	-.27000
.902	-.097	1276.50000	-7.28800	-.30900	.01096	.00000	.02329	1984.52000	109.40000	569.07000	-.27000
.898	1.907	1282.70000	-5.35600	-.23694	.00919	.00000	.01601	2035.14000	109.30000	568.97000	-.27000
.900	3.946	1281.00000	-3.40200	-.15179	.00704	.00000	.01019	2075.79001	109.40000	569.07000	-.29000
.900	5.975	1280.60001	-1.45500	-.06964	.00614	.00000	.00075	2106.13000	109.20000	568.87000	-.27000
.899	7.994	1281.80000	.48400	.01032	.00606	.00000	-.00836	2125.07001	109.20000	568.87000	-.28000
.896	10.011	1285.89999	2.42100	.09088	.00698	.00000	-.01828	2134.25000	110.40000	570.07000	-.27000
.901	12.003	1279.39999	4.31000	.19382	.01031	.00000	-.03037	2136.09000	110.50000	570.17000	-.27000
.898	14.024	1281.60001	6.23500	.28949	.01396	.00000	-.03961	2133.50000	110.60000	570.27000	-.24000
.895	15.974	1285.60001	8.09300	.38173	.01364	.00000	-.04690	2124.47000	110.70000	570.37000	-.24000
.896	18.011	1284.30000	10.01700	.49462	.01482	.00000	-.05932	2106.17999	111.00000	570.67000	-.26000
	GRADIENT	.72986	.96270	.03733	.00018	.00000	-.00456	26.68845	.01010	.01010	-.00204

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.949	-1.976	1205.50000	-9.14700	-.32912	.00529	.00000	-.00370	1920.37000	109.70000	569.37000	-.01000
.950	-.019	1199.39999	-7.27600	-.24251	.00473	.00000	-.00220	1968.12000	109.60000	569.27000	-.02000
.950	1.978	1204.39999	-5.35700	-.16460	.00276	.00000	.00004	2022.91000	110.40000	570.07000	-.03000
.951	3.955	1199.60001	-3.45600	-.08915	.00162	.00000	.00080	2055.57999	109.70000	569.37000	-.04000
.950	6.019	1200.50000	-1.47300	-.00785	.00522	.00000	-.00416	2084.20001	109.70000	569.37000	-.04000
.949	7.955	1204.30000	.37900	.07574	.00633	.00000	-.00647	2107.82001	109.70000	569.37000	-.03000
.949	9.976	1204.39999	2.31100	.16497	.00610	.00000	-.00722	2117.37000	109.90000	569.57000	-.03000
.950	12.045	1203.00000	4.26700	.27834	.02005	.00000	-.01961	2118.53000	109.90000	569.57000	.00000
.950	13.979	1201.89999	6.09700	.38146	.02753	.00000	-.02671	2115.26999	109.80000	569.47000	.00000
.949	16.000	1201.80000	8.03700	.46268	.05065	.00000	-.05707	2104.60999	109.90000	569.57000	-.06000
.949	17.985	1201.70000	9.92900	.55586	.02820	.00000	-.03544	2084.79999	109.90000	569.57000	-.05000
	GRADIENT	-.63823	.95969	.04031	-.00066	.00000	.00080	23.28122	.04065	.04065	-.00505

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.978	-1.925	1166.39999	-9.06000	-.36490	.03168	.00000	-.03323	1921.66000	110.40000	570.07000	.01000
.981	-.047	1160.39999	-7.29500	-.25225	.00135	.00000	-.00389	1969.14999	109.90000	569.57000	.02000
.980	1.955	1162.39999	-5.37800	-.16726	.00253	.00000	-.00253	2019.11000	109.30000	568.97000	.00000
.981	3.974	1162.80000	-3.44600	-.08036	.00264	.00000	-.00323	2060.20001	109.40000	569.07000	.01000
.979	6.033	1165.00000	-1.47600	.00911	.00550	.00000	-.00573	2088.98999	109.40000	569.07000	.01000
.980	8.012	1162.80000	.41300	.09939	.01186	.00000	-.01155	2107.70999	109.30000	568.97000	.03000
.979	9.979	1163.89999	2.29300	.18629	.04488	.00000	-.04260	2116.64001	109.40000	569.07000	.04000
.980	12.042	1162.00000	4.23800	.30360	.02974	.00000	-.02697	2117.48001	109.30000	568.97000	.03000
.979	13.949	1163.39999	6.05700	.39152	.06237	.00000	-.05737	2115.67001	109.30000	568.97000	.03000
.975	16.022	1168.10001	8.02300	.49871	.06752	.00000	-.07187	2105.10999	109.30000	568.97000	-.05000
.980	18.030	1168.70000	9.91800	.61241	.03685	.00000	-.04021	2097.44000	110.10000	569.77000	-.03000
	GRADIENT	-.43232	.95242	.04758	-.00430	.00000	.00458	23.62118	-.18184	-.18184	-.00103

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.051	-1.965	962.10000	-9.08600	-.37909	.00875	.00000	-.00874	1723.66000	111.00000	570.67000	.00000
1.048	.092	963.90000	-7.12400	-.28449	.02533	.00000	-.02657	1772.09000	110.80000	570.47000	.01000
1.050	1.953	962.00000	-5.34200	-.20453	-.00991	.00000	.01177	1812.12000	110.80000	570.47000	-.02000
1.049	3.969	962.50000	-3.42000	-.11111	.00459	.00000	-.00458	1844.37000	110.70000	570.37000	.00000
1.051	6.022	960.70000	-1.45600	-.02206	.00939	.00000	-.00959	1873.00999	110.80000	570.47000	.01000
1.050	8.021	962.70000	.45400	.06749	.02186	.00000	-.02148	1890.50000	111.00000	570.67000	.02000
1.050	9.992	961.50000	2.33000	.16225	.01097	.00000	-.01040	1898.00000	110.80000	570.47000	.01000
1.049	12.003	962.50000	4.24000	.26284	.03895	.00000	-.03588	1898.87000	110.80000	570.47000	.03000
1.049	14.001	961.90000	6.13300	.36844	.03817	.00000	-.03704	1897.16000	110.80000	570.47000	.00000
1.049	16.023	961.80000	8.04600	.47694	.03648	.00000	-.03926	1888.46001	110.80000	570.47000	-.03000
1.047	18.007	964.10000	9.92200	.58450	.02863	.00000	-.03240	1872.75000	110.80000	570.47000	-.03000
	GRADIENT	-.02940	.95504	.04496	-.00233	.00000	.00248	20.45403	-.04608	-.04608	-.00145

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.102	-4.231	918.80000	-11.23900	-.54209	-.00111	.00000	-.01643	1687.11000	110.60000	570.27000	.09000
1.097	-3.821	923.90000	-10.80800	-.51318	.00150	.00000	-.01837	1698.82001	110.50000	570.17000	.09000
1.100	-1.932	920.40000	-9.06000	-.42165	-.00034	.00000	.01608	1749.64999	110.60000	570.27000	-.10000
1.101	.131	919.00000	-7.09700	-.32164	.00177	.00000	.01059	1798.12000	110.60000	570.27000	-.10000
1.099	2.006	923.10000	-5.26400	-.23002	.00255	.00000	-.00897	1843.72000	110.20000	569.87000	.07000
1.098	4.060	921.50000	-3.30600	-.13444	.00232	.00000	-.00636	1873.47000	109.60000	569.27000	.07000
1.098	6.010	921.40000	-1.44700	-.04302	.00184	.00000	.00069	1897.89000	109.70000	569.37000	-.10000
1.099	8.012	923.00000	.45500	.05716	.01699	.00000	-.01436	1919.57001	109.70000	569.37000	.31000
1.098	9.988	921.70000	2.32900	.15901	.02145	.00000	-.01625	1924.24001	109.90000	569.57000	.12000
1.098	12.021	923.10000	4.25400	.26685	.02256	.00000	-.00056	1927.91000	109.50000	569.17000	.29000
1.098	14.008	924.70000	6.12400	.38442	.00002	.00000	.02772	1930.11000	109.80000	569.47000	.26000
1.097	15.982	923.00000	7.98600	.49642	.00772	.00000	-.01715	1919.05000	109.80000	569.47000	-.07000
1.098	18.027	922.90000	9.91700	.61032	.00770	.00000	-.02283	1903.49001	109.60000	569.27000	-.09000
	GRADIENT	.10682	.95499	.04883	.00034	.00000	.00095	23.05012	-.09982	-.09982	-.00082

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-4.230	859.60000	-11.26600	-.51359	.00071	.00000	-.00070	1678.53999	109.90000	569.57000	.00000
1.150	-2.009	858.90000	-9.14600	-.41276	.00098	.00000	-.00098	1739.24001	109.40000	569.07000	.00000
1.150	.011	858.50000	-7.22100	-.31787	.00585	.00000	-.00585	1784.88000	109.00000	568.67000	.00000
1.151	2.027	858.20000	-5.29400	-.22936	.00465	.00000	-.00465	1826.87000	109.40000	569.07000	.00000
1.151	4.114	857.90000	-3.30000	-.13614	.00716	.00000	-.00714	1859.92000	109.30000	568.97000	.00000
1.149	5.708	859.70000	-1.79700	-.04529	.00709	.00000	-.00141	1883.80000	109.30000	568.97000	-.18000
1.149	8.003	860.70000	.40500	.04670	.02088	.00000	-.00690	1899.72000	109.60000	569.27000	1.95000
1.150	10.080	859.00000	2.38100	.14876	.02288	.00000	-.00509	1907.78999	109.90000	569.57000	.42000
1.149	12.084	859.90000	4.27700	.25695	.00861	.00000	.00724	1908.13000	109.50000	569.17000	.21000
1.151	14.054	857.00000	6.13900	.36512	.00685	.00000	-.00130	1905.89000	109.30000	568.97000	.05000
1.150	16.024	860.10000	7.99200	.48169	.00967	.00000	-.00929	1904.28999	109.40000	569.07000	.00000
1.151	18.060	857.80000	9.91200	.59787	.00886	.00000	-.00670	1887.16000	109.30000	568.97000	.01000
	GRADIENT	-.19840	.95472	.04528	.00080	.00000	-.00080	21.75923	-.05891	-.05892	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.200	-4.090	807.80000	-11.07200	-.51774	-.00100	.00000	-.00476	1685.17999	109.90000	569.57000	.03000
1.197	-1.857	810.10000	-8.99600	-.41109	-.00150	.00000	-.00319	1739.30000	109.80000	569.47000	.03000
1.201	.004	806.90000	-7.17400	-.32200	.00126	.00000	-.00500	1785.03999	109.60000	569.27000	.03000
1.198	2.104	810.20000	-5.21900	-.22726	-.00193	.00000	-.00080	1824.64000	110.20000	569.87000	.03000
1.203	4.006	804.60000	-3.35500	-.13936	.00079	.00000	-.00313	1854.24001	110.20000	569.87000	.04000
1.202	6.042	806.80000	-1.41400	-.04426	.00183	.00000	-.00280	1880.44000	109.80000	569.47000	.04000
1.201	8.046	807.90000	.49400	.05196	.00407	.00000	-.00368	1896.05000	109.70000	569.37000	.04000
1.199	10.042	810.00000	2.34400	.14803	-.00965	.00000	.00991	1904.63000	109.70000	569.37000	.01000
1.203	12.036	805.30000	4.27900	.25687	-.00994	.00000	.01196	1906.86000	109.60000	569.27000	.03000
1.201	14.011	806.80000	6.13500	.37573	-.00055	.00000	.00374	1905.66000	109.60000	569.27000	.03000
1.200	16.020	807.50000	8.02900	.49149	.00430	.00000	-.00274	1900.22000	109.70000	569.37000	.01000
1.200	18.002	808.00000	9.89600	.60573	.00393	.00000	-.00374	1889.99001	109.70000	569.37000	.00000
	GRADIENT	-.29685	.95310	.04668	.00015	.00000	.00029	21.04006	.04948	.04948	.00098

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.299	-1.931	646.00000	-9.00100	-.42992	.00323	.00000	-.00166	1578.57001	110.50000	570.17000	-.01000
1.299	-.060	646.80000	-7.21100	-.34877	.00508	.00000	-.00508	1615.39000	110.50000	570.17000	.00000
1.299	1.936	644.20000	-5.30100	-.26336	.00533	.00000	-.00347	1640.42000	110.20000	569.87000	-.02000
1.300	4.028	644.30000	-3.29900	-.17262	.00969	.00000	-.00967	1669.64999	110.10000	569.77000	.00000
1.299	5.939	646.90000	-1.46900	-.09193	.00887	.00000	-.00190	1694.61000	110.00000	569.67000	-.27000
1.300	7.974	644.90000	.47600	-.00272	.01740	.00000	-.00369	1703.94000	110.30000	569.97000	1.63000
1.299	9.940	645.50000	2.35000	.08983	.00382	.00000	-.00376	1711.62000	110.30000	569.97000	.00000
1.300	12.007	646.90000	4.31700	.19019	.00257	.00000	-.00326	1720.23000	110.30000	569.97000	-.01000
1.300	13.936	646.20000	6.14000	.29655	.00670	.00000	-.00544	1717.66000	110.30000	569.97000	.01000
1.299	15.981	646.20000	8.07200	.40937	.01102	.00000	-.01340	1711.10001	110.50000	570.17000	-.02000
1.301	17.985	644.30000	9.96700	.51761	.00984	.00000	-.01628	1701.17999	110.30000	569.97000	-.04000
	GRADIENT	-.38959	.95686	.04314	.00099	.00000	-.00113	14.97683	-.07574	-.07574	.00053

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.400	-3.954	561.90000	-10.87600	-.54899	.00405	.00000	-.06819	1513.84000	110.20000	569.87000	.34000
1.400	-1.985	563.70000	-8.99700	-.45851	.00715	.00000	-.06344	1559.50000	110.30000	569.97000	.36000
1.399	-.031	562.60000	-7.13200	-.37029	.00516	.00000	-.04737	1589.19000	110.00000	569.67000	.34000
1.400	1.958	563.10000	-5.22800	-.28531	.00996	.00000	-.04185	1624.07001	109.70000	569.37000	.35000
1.399	3.976	563.60000	-3.29800	-.19716	.00856	.00000	-.02809	1646.49001	109.80000	569.47000	.34000
1.400	5.945	562.80000	-1.41400	-.11162	.00902	.00000	-.01761	1666.89000	109.80000	569.47000	.35000
1.401	8.006	561.60000	.55700	-.02138	.00909	.00000	-.00541	1683.39000	109.70000	569.37000	.37000
1.399	9.955	563.30000	2.41100	.07337	-.00063	.00000	.01576	1685.12000	109.70000	569.37000	.36000
1.401	11.966	561.30000	4.32200	.17295	-.00016	.00000	.02729	1686.28999	109.70000	569.37000	.36000
1.401	14.006	561.70000	6.24800	.28730	.00549	.00000	.03385	1686.08000	109.90000	569.57000	.36000
1.400	15.969	562.70000	8.10100	.39687	.00322	.00000	.04481	1684.28000	109.60000	569.27000	.34000
1.399	18.004	564.40000	10.02000	.51306	.00051	.00000	.05519	1679.83000	109.90000	569.57000	.32000
	GRADIENT	.14162	.95574	.04428	.00060	.00000	.00514	16.64946	-.07061	-.07061	-.00051

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.548	-3.916	417.00000	-10.96400	-.53192	-.00127	.00000	-.00824	1329.14000	110.50000	570.17000	.05000
1.549	-1.929	416.30000	-9.06000	-.44881	.00024	.00000	-.00811	1366.67999	110.20000	569.87000	.05000
1.550	.009	415.70000	-7.19900	-.37176	.00031	.00000	-.00533	1397.13000	110.20000	569.87000	.04000
1.551	2.017	415.10000	-5.26800	-.29445	.00094	.00000	-.00369	1422.10001	110.20000	569.87000	.03000
1.552	4.012	414.80000	-3.35100	-.21689	.00077	.00000	-.00311	1443.60001	110.30000	569.97000	.04000
1.551	6.030	415.40000	-1.41200	-.13743	.00123	.00000	-.00221	1461.46001	110.20000	569.87000	.04000
1.550	8.072	415.60000	.54700	-.05506	-.00007	.00000	.00054	1475.09000	110.20000	569.87000	.05000
1.549	10.056	416.30000	2.44500	.03070	-.00498	.00000	.00704	1479.24001	110.20000	569.87000	.05000
1.548	12.088	416.90000	4.38400	.12419	-.00537	.00000	.00831	1483.64999	110.30000	569.97000	.04000
1.547	14.077	416.90000	6.27300	.22452	-.00018	.00000	.00563	1488.07001	110.30000	569.97000	.05000
1.548	16.089	416.90000	8.18400	.32458	-.00090	.00000	.00513	1485.82001	110.20000	569.87000	.03000
	GRADIENT	-.28267	.96039	.03961	.00024	.00000	.00074	14.35287	-.02012	-.02012	-.00201

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (ZVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.899	-3.948	624.30000	-11.12400	-.32363	.00954	.00000	-.01145	910.31000	110.80000	570.47000	.01000
.901	-2.075	624.10000	-9.28200	-.29325	.01020	.00000	-.01181	941.43400	111.10000	570.77000	.01000
.902	-.043	624.00000	-7.28400	-.25896	.01181	.00000	-.01308	971.65500	111.00000	570.67000	.01000
.899	1.912	624.20000	-5.36400	-.22442	.01080	.00000	-.01173	993.64500	111.10000	570.77000	.01000
.901	4.013	623.50000	-3.30900	-.17831	.00870	.00000	-.00926	1013.62000	111.00000	570.67000	.01000
.901	5.955	623.20000	-1.40200	-.14302	.00820	.00000	-.00840	1026.95000	110.80000	570.47000	.01000
.900	7.975	623.30000	.58000	-.10550	.00807	.00000	-.00789	1036.21001	110.40000	570.07000	.01000
.899	9.994	623.80000	2.55800	-.06392	.00807	.00000	-.00751	1040.49001	110.30000	569.97000	.01000
.898	12.001	624.80000	4.52200	-.02105	.00931	.00000	-.00831	1041.42000	110.30000	569.97000	.01000
.896	13.988	625.50000	6.46300	.02494	.01117	.00000	-.00971	1040.53999	110.?0000	569.87000	.01000
.896	16.034	626.50000	8.45600	.07824	.01149	.00000	-.00811	1038.11000	110.40000	570.07000	.02000
	GRADIENT	-.07600	.98193	.01808	-.00006	.00000	.00023	12.97874	.01950	.01950	-.00000

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.198	-3.971	413.90000	-11.15000	-.37102	.00632	.00000	-.01211	863.34700	109.60000	569.27000	.03000
1.201	-1.989	410.30000	-9.16800	-.32071	.00672	.00000	-.00990	885.85400	109.40000	569.07000	.02000
1.199	.078	412.10000	-7.20000	-.27157	.00788	.00000	-.01039	912.10000	109.50000	569.17000	.02000
1.202	2.000	411.40000	-5.27300	-.22667	.00569	.00000	-.00661	932.41300	109.60000	569.27000	.01000
1.199	4.043	411.80000	-3.32800	-.17950	.00637	.00000	-.00693	946.43100	109.30000	568.97000	.01000
1.201	6.037	411.20000	-1.33100	-.13170	.00758	.00000	-.00824	959.27300	109.30000	568.97000	.03000
1.201	7.984	410.50000	.56800	-.08397	.00769	.00000	-.00732	966.09700	109.40000	569.07000	.03000
1.199	10.068	412.80000	2.55000	-.03174	.00059	.00000	-.00014	973.31000	109.50000	569.17000	.01000
1.203	12.004	410.60000	4.48200	.02217	.00114	.00000	-.00034	973.05900	109.60000	569.27000	.01000
1.203	13.983	410.60000	6.40000	.08319	.00607	.00000	-.00143	973.23100	109.50000	569.17000	.04000
1.195	16.063	414.90000	8.36900	.14404	.00667	.00000	-.00059	972.18500	109.60000	569.27000	.04000
	GRADIENT	-.15346	.97610	.02383	-.00004	.00000	.00068	10.62869	-.02005	-.02005	-.00249

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (ZVR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.548	-3.832	268.70000	-11.00200	-.41008	.00333	.00000	-.00333	862.22800	110.20000	569.87000	.00000
1.551	-1.943	267.50000	-9.16300	-.35964	.00313	.00000	-.00472	883.35900	110.30000	569.97000	.01000
1.549	.059	267.80000	-7.21300	-.30804	.00346	.00000	-.00346	902.63400	110.20000	569.87000	.00000
1.550	2.067	267.10000	-5.25600	-.25730	.00303	.00000	-.00394	918.00100	110.50000	570.17000	.01000
1.550	4.112	267.50000	-3.26100	-.20691	.00392	.00000	-.00448	932.31100	110.20000	569.87000	.01000
1.550	6.042	267.80000	-1.37900	-.15871	.00356	.00000	-.00402	944.61500	110.30000	569.97000	.02000
1.549	8.081	267.50000	.60700	-.10575	.00310	.00000	-.00286	951.75300	110.40000	570.07000	.02000
1.547	10.091	267.90000	2.56100	-.05017	.00027	.00000	.00063	954.31800	110.40000	570.07000	.02000
1.548	12.081	268.00000	4.49200	.00871	.00016	.00000	.00141	957.40300	110.30000	569.97000	.02000
1.545	14.063	269.50000	6.40900	.07443	.00279	.00000	.00065	962.32300	110.50000	570.17000	.03000
1.552	16.095	267.50000	8.37600	.13921	.00176	.00000	.00122	960.76400	110.50000	570.17000	.02000
	GRADIENT	-.13913	.97444	.02556	.00005	.00000	-.00003	8.77362	.00982	.00982	.00100

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.201	-1.814	3578.39999	-9.43400	-.23283	-.05220	.00000	1.88305	3637.95001	72.80000	532.47000	-11.24000
.203	.154	3580.70001	-7.54100	-.22319	-.06902	.00000	2.01424	3653.25000	73.00000	532.67000	-14.99000
.203	2.179	3578.00000	-5.60300	-.21005	-.08983	.00000	2.02085	3660.45999	73.00000	532.67000	-20.19000
.202	4.153	3580.50000	-3.78600	-.18612	-.12906	.00000	2.02184	3669.73999	73.10000	532.77000	-30.02000
.203	6.085	3577.79999	-2.29600	-.11543	-.20822	.00000	2.08167	3673.67999	73.10000	532.77000	-54.74000
.201	7.845	3582.29999	-1.80200	.06960	-.24781	.00000	1.99366	3678.69000	73.70000	533.37000	-103.76000
.201	9.843	3583.29999	-2.94800	.20387	-.15385	.00000	1.91278	3683.14001	73.80000	533.47000	-143.30000
.201	11.747	3578.20001	-4.64300	.23662	-.10681	.00000	2.00455	3575.57999	73.80000	533.47000	-155.82000
.202	13.750	3580.70001	-6.50000	.25520	-.07789	.00000	1.97444	3681.20999	73.90000	533.57000	-162.98000
.201	15.741	3581.10001	-8.41600	.26698	-.06190	.00000	1.98903	3678.35999	74.00000	533.67000	-166.70000
.200	17.724	3581.89999	-10.35000	.27650	-.05147	.00000	2.01174	3674.59000	74.10000	533.77000	-169.01000
	GRADIENT	.17793	.94758	.00769	-.01261	.00000	.02119	5.14454	.04508	.04508	-3.08774

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.250	-1.385	2302.89999	-9.44500	-.22782	-.05944	.00000	1.99053	2358.57001	79.70000	539.37000	-11.85000
.250	.185	2303.10001	-7.51300	-.21840	-.07277	.00000	2.00576	2372.51999	79.60000	539.27000	-14.95000
.250	2.161	2303.50000	-5.62200	-.20589	-.09438	.00000	2.01720	2382.42999	79.70000	539.37000	-20.03000
.250	4.125	2303.50000	-3.82600	-.18220	-.13445	.00000	2.05241	2389.69000	79.80000	539.47000	-30.11000
.250	6.096	2304.00000	-2.26900	-.11242	-.21328	.00000	2.05823	2396.17001	79.70000	539.37000	-54.46000
.251	7.930	2303.70001	-1.79600	.07214	-.25501	.00000	2.00221	2399.70001	79.80000	539.47000	-103.04000
.253	10.021	2303.50000	-3.04600	.20820	-.17021	.00000	2.11356	2402.78000	80.20000	539.87000	-140.28000
.250	11.940	2303.79999	-4.59800	.24181	-.11172	.00000	1.94256	2402.56000	80.00000	539.67000	-156.48000
.251	13.902	2304.10001	-6.43800	.25920	-.08477	.00000	1.96846	2402.51001	80.00000	539.67000	-162.93000
.250	15.709	2304.60001	-8.37500	.27169	-.06791	.00000	1.97413	2400.23001	80.00000	539.67000	-166.78000
	GRADIENT	.10851	.92301	.00732	-.01208	.00000	.00966	5.09983	.01910	.01910	-2.92998

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.401	-1.955	1663.20000	-9.44500	-.25898	-.06576	.00000	2.08835	1776.53000	89.90000	549.57000	-12.42000
.401	.036	1661.30000	-7.49300	-.24550	-.07646	.00000	2.01217	1797.57001	89.90000	549.57000	-15.00000
.401	2.050	1659.80000	-5.58600	-.22489	-.09830	.00000	2.02347	1813.73000	90.10000	549.77000	-20.19000
.401	4.012	1663.10001	-3.80200	-.19512	-.13563	.00000	2.03065	1830.25000	90.20000	549.87000	-29.92000
.402	6.031	1657.30000	-2.28000	-.11656	-.21469	.00000	2.07481	1833.96001	90.30000	549.97000	-54.73000
.402	7.898	1658.89999	-1.81800	.07775	-.25577	.00000	2.02496	1843.03000	90.50000	550.17000	-102.96000
.403	9.941	1661.60001	-3.02400	.20727	-.16973	.00000	2.10473	1850.36000	90.40000	550.07000	-140.14000
.403	11.847	1659.80000	-4.53600	.26529	-.11562	.00000	1.92679	1849.37000	90.40000	550.07000	-156.41000
.402	13.841	1663.00000	-6.40600	.28960	-.08785	.00000	1.97598	1851.64000	90.40000	550.07000	-162.80000
.402	15.870	1660.10001	-8.35000	.30710	-.06877	.00000	1.97920	1844.32001	90.40000	550.07000	-166.71000
	GRADIENT	-.09308	.94612	.01065	-.01161	.00000	-.00814	8.90377	.05525	.05525	-2.89362

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.700	-1.942	1540.39999	-9.36400	-.33110	-.09583	.00000	2.00410	1928.75000	110.70000	570.37000	-11.81000
.700	.041	1538.39999	-7.47200	-.29043	-.10942	.00000	2.01431	1980.60001	110.80000	570.47000	-14.81000
.700	2.017	1537.80000	-5.61700	-.24164	-.12902	.00000	1.99665	2023.67000	110.60000	570.27000	-19.45000
.701	3.980	1536.20000	-3.86000	-.18528	-.16579	.00000	2.01680	2056.16000	110.50000	570.17000	-28.68000
.701	6.002	1536.60001	-2.34600	-.08308	-.24437	.00000	2.08520	2081.95001	110.50000	570.17000	-51.75000
.701	7.987	1538.30000	-1.80800	.14575	-.29710	.00000	2.06764	2102.48001	110.40000	570.07000	-101.22000
.701	9.983	1537.70000	-2.92100	.32320	-.22381	.00000	2.13819	2112.20001	110.10000	569.77000	-138.95000
.701	11.940	1539.89999	-4.47100	.40848	-.15351	.00000	1.96785	2116.85001	110.60000	570.27000	-155.99000
.700	13.869	1540.80000	-6.23400	.46867	-.12590	.00000	1.96336	2115.28000	110.70000	570.37000	-162.79000
.698	15.856	1542.70000	-8.10800	.52517	-.11093	.00000	1.98937	2107.70999	110.40000	570.07000	-166.53000
.697	17.909	1545.20000	-10.06300	.58338	-.10092	.00000	1.99632	2092.94000	110.80000	570.47000	-169.06000
	GRADIENT	-.66872	.93043	.02463	-.01162	.00000	.00103	21.54879	-.04048	-.04048	-2.79715

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.800	-3.993	1402.39999	-11.26900	-.39861	-.09913	.00000	2.14164	1840.89999	109.90000	569.57000	-10.51000
.800	-1.945	1402.89999	-9.28700	-.34358	-.10504	.00000	2.00881	1908.69000	110.00000	569.67000	-11.88000
.800	-.103	1402.10001	-7.53800	-.29766	-.11740	.00000	2.02887	1960.46001	110.20000	569.87000	-14.73000
.800	2.034	1404.00000	-5.53600	-.23611	-.13856	.00000	2.00478	2016.59000	110.20000	569.87000	-19.73000
.800	3.997	1405.20000	-3.79200	-.17036	-.17686	.00000	2.03055	2054.81000	110.20000	569.87000	-29.29000
.799	5.983	1406.20000	-2.33900	-.05928	-.25665	.00000	2.11467	2083.04001	110.00000	569.67000	-52.66000
.800	7.938	1405.10001	-1.77800	.17262	-.30630	.00000	2.05355	2102.28000	110.20000	569.87000	-100.14000
.800	10.015	1405.10001	-2.89700	.37163	-.22888	.00000	2.13883	2114.29001	110.00000	569.67000	-138.65000
.800	11.935	1404.70000	-4.37100	.46407	-.15945	.00000	1.94215	2116.92999	110.10000	569.77000	-155.86000
.800	13.922	1404.80000	-6.17400	.53901	-.13077	.00000	1.95865	2116.26999	110.10000	569.77000	-162.71000
.800	15.918	1404.39999	-8.02700	.61731	-.11529	.00000	1.96399	2107.35001	110.10000	569.77000	-166.61000
.800	17.964	1403.50000	-9.95900	.69602	-.10761	.00000	2.00871	2090.19000	110.20000	569.87000	-168.91000
	GRADIENT	.33911	.93710	.02827	-.00948	.00000	-.01138	26.83267	.03979	.03979	-2.27811

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.850	-1.921	1334.00000	-9.24300	-.35695	-.11038	.00000	1.97689	1902.25999	110.10000	569.77000	-11.70000
.850	.083	1338.39999	-7.34400	-.29994	-.12448	.00000	1.99196	1966.64999	110.20000	569.87000	-14.77000
.849	1.911	1336.89999	-5.63900	-.24061	-.14084	.00000	1.97864	2010.38000	110.80000	570.47000	-19.05000
.850	3.916	1338.20000	-3.82300	-.16762	-.17843	.00000	1.99468	2054.04999	111.10000	570.77000	-28.39000
.850	6.055	1334.80000	-2.25200	-.04450	-.26120	.00000	2.05333	2078.78000	110.70000	570.37000	-52.80000
.850	7.947	1337.50000	-1.78600	.18802	-.31223	.00000	2.06859	2101.16000	110.20000	569.87000	-99.90000
.850	10.052	1335.50000	-2.88200	.40121	-.23072	.00000	2.11024	2111.10999	110.10000	569.77000	-139.19000
.850	11.914	1337.10001	-4.34100	.49032	-.16434	.00000	1.92501	2118.17001	110.10000	569.77000	-156.00000
.850	13.904	1333.70000	-6.12700	.57844	-.13908	.00000	1.99255	2111.06000	110.30000	569.97000	-162.32000
.850	15.960	1335.30000	-8.02900	.66684	-.12591	.00000	2.01540	2105.89001	110.30000	569.97000	-166.31000
.850	17.893	1337.70000	-9.84600	.74901	-.11635	.00000	2.00571	2093.97000	110.40000	570.07000	-168.85000
.850	18.929	1335.89999	-10.81600	.79658	-.11328	.00000	2.00226	2079.22000	109.90000	569.57000	-169.85000
	GRADIENT	.58197	.92887	.03244	-.01142	.00000	.00212	25.81702	.18532	.18532	-2.81290

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.901	-3.993	1280.30000	-11.19400	-.44745	-.12050	.00000	2.03483	1846.72000	110.80000	570.47000	-9.91000
.901	-1.992	1279.89999	-9.29100	-.37032	-.12365	.00000	1.98078	1913.74001	110.80000	570.47000	-11.58000
.902	-.031	1277.60001	-7.45200	-.29729	-.13973	.00000	2.01445	1971.11000	110.80000	570.47000	-14.61000
.901	1.956	1280.70000	-5.60500	-.21609	-.16023	.00000	1.98142	2027.37000	110.80000	570.47000	-18.99000
.899	3.998	1281.30000	-3.79500	-.12139	-.20119	.00000	2.02501	2066.35999	111.00000	570.67000	-28.75000
.900	5.974	1277.89999	-2.34000	.01550	-.27959	.00000	2.09069	2093.72000	111.00000	570.67000	-50.78000
.900	7.870	1281.00000	-1.68200	.26561	-.33628	.00000	2.00161	2117.14999	110.80000	570.47000	-97.24000
.899	9.976	1281.00000	-2.76800	.51612	-.26241	.00000	2.13762	2130.82999	110.80000	570.47000	-137.23000
.900	11.929	1280.30000	-4.21500	.62488	-.18612	.00000	1.93004	2136.54001	110.50000	570.17000	-155.48000
.899	13.877	1282.39999	-5.95700	.72845	-.16305	.00000	1.95556	2135.32999	110.50000	570.17000	-162.41000
.900	15.937	1280.70000	-7.83700	.84075	-.14146	.00000	1.97075	2128.70001	111.00000	570.67000	-166.42000
.900	17.933	1280.80000	-9.69300	.94194	-.13243	.00000	2.00172	2111.87000	110.50000	570.17000	-168.79000
	GRADIENT	.14201	.92743	.04047	-.00995	.00000	-.00094	27.73040	.02019	.02019	-2.26675

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.949	-4.034	1202.10001	-11.18700	-.47442	-.12451	.00000	1.90365	1833.21001	110.10000	569.77000	-9.21000
.950	-1.959	1200.89999	-9.27900	-.35870	-.16224	.00000	2.01538	1897.71001	109.90000	569.57000	-11.57000
.949	-.034	1202.20000	-7.47500	-.26637	-.17809	.00000	2.01066	1954.13000	109.90000	569.57000	-14.23000
.949	1.998	1202.20000	-5.62500	-.15380	-.18895	.00000	2.01103	2007.14999	109.90000	569.57000	-18.93000
.950	3.973	1201.20000	-3.89400	-.06726	-.22648	.00000	2.04034	2047.08000	109.90000	569.57000	-27.73000
.951	6.040	1200.60001	-2.31600	.07194	-.30248	.00000	2.05642	2078.29999	110.30000	569.97000	-49.30000
.950	7.898	1201.30000	-1.65300	.31459	-.36857	.00000	2.01013	2097.09000	110.20000	569.87000	-95.59000
.950	9.938	1203.39999	-2.67600	.55638	-.30973	.00000	2.15348	2114.70001	109.90000	569.57000	-136.30000
.951	11.944	1199.70000	-4.11600	.71114	-.20552	.00000	1.91325	2114.45999	110.10000	569.77000	-155.40000
.950	13.959	1200.30000	-5.96600	.79211	-.20545	.00000	1.99736	2111.95999	109.90000	569.57000	-162.43000
.950	15.980	1199.50000	-7.79100	.90317	-.18688	.00000	1.97862	2104.97000	109.70000	569.37000	-166.61000
.949	17.944	1201.00000	-9.63700	.99806	-.15454	.00000	1.99722	2089.22000	109.90000	569.57000	-168.88000
	GRADIENT	-.02633	.91334	.05105	-.01156	.00000	.01355	26.90543	-.02017	-.02017	-2.22742

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.981	-4.081	1163.39999	-11.22600	-.49603	-.13023	.00000	1.95008	1833.61000	109.90000	569.57000	-9.39000
.980	-1.928	1161.60001	-9.25000	-.35924	-.16242	.00000	2.02400	1898.96001	110.20000	569.87000	-11.66000
.978	-.014	1163.00000	-7.47100	-.26311	-.18372	.00000	2.01909	1953.00999	109.80000	569.47000	-14.26000
.979	2.026	1164.10001	-5.61100	-.15499	-.19483	.00000	2.01053	2008.77000	110.30000	569.97000	-18.91000
.979	3.994	1164.39999	-3.88100	-.05366	-.23240	.00000	2.03180	2049.54001	110.40000	570.07000	-27.65000
.979	5.991	1164.89999	-2.38500	.08315	-.30988	.00000	2.10328	2079.23001	110.40000	570.07000	-48.83000
.979	7.940	1164.10001	-1.63700	.33446	-.37518	.00000	2.00305	2098.45001	110.20000	569.87000	-94.70000
.980	9.961	1164.00000	-2.56600	.57354	-.30479	.00000	2.01851	2114.39999	110.10000	569.77000	-137.95000
.980	11.932	1162.30000	-4.11700	.69218	-.24337	.00000	1.93764	1144.44000	110.10000	569.77000	-155.60000
.979	13.945	1163.60001	-5.90400	.81053	-.21652	.00000	1.95318	2115.01001	110.00000	569.67000	-162.80000
.981	15.898	1159.89999	-7.68700	.92535	-.19850	.00000	1.97511	2107.04999	110.10000	569.77000	-166.54000
.979	17.969	1162.39999	-9.60900	1.03605	-.17520	.00000	1.98368	2089.03000	110.10000	569.77000	-169.05000
	GRADIENT	.21986	.91182	.05421	-.01178	.00000	.00756	26.96243	.05519	.05519	-2.17177

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.6100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.051	-4.011	960.80000	-11.17700	-.49175	-.13460	.00000	1.99824	1646.45000	110.90000	570.57000	-9.66000
1.050	-1.942	962.60000	-9.24300	-.38679	-.14396	.00000	1.98684	1707.03000	111.00000	570.67000	-11.55000
1.049	-.019	964.00000	-7.45300	-.30081	-.16519	.00000	2.00623	1757.97000	111.10000	570.77000	-14.34000
1.050	2.009	962.60000	-5.60300	-.20688	-.19303	.00000	2.03938	1803.77000	111.00000	570.67000	-19.27000
1.048	4.018	964.60000	-3.84100	-.10025	-.23160	.00000	2.03440	1839.50999	111.10000	570.77000	-28.02000
1.048	6.058	964.50000	-2.32500	.04469	-.30343	.00000	2.07553	1865.83000	110.90000	570.57000	-49.73000
1.049	7.995	963.50000	-1.63200	.30234	-.36847	.00000	1.98794	1883.14000	111.10000	570.77000	-96.01000
1.050	10.014	961.80000	-2.68900	.54297	-.29667	.00000	2.13836	1896.25000	111.30000	570.97000	-136.63000
1.049	11.998	963.30000	-4.18300	.67642	-.21799	.00000	1.93599	1898.97000	111.60000	571.27000	-155.66000
1.049	13.933	963.00000	-5.91400	.78419	-.19176	.00000	1.96360	1898.52000	111.30000	570.97000	-162.48600
1.051	15.966	961.10000	-7.78000	.89286	-.17917	.00000	1.98451	1893.17000	111.20000	570.87000	-166.49000
1.050	17.958	962.00000	-9.62800	.99932	-.16513	.00000	1.99081	1878.08000	111.10000	570.77000	-168.97000
	GRADIENT	.37992	.91519	.04813	-.01214	.00000	.00622	24.13287	.01998	.01998	-2.22125

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.101	-3.861	919.30000	-11.01900	-.51768	-.13209	.00000	1.85084	1679.22000	109.90000	569.57000	-9.03000
1.101	-1.934	920.30000	-9.24200	-.41889	-.15056	.00000	2.00583	1734.82001	110.10000	569.77000	-11.63000
1.098	.011	923.60000	-7.40600	-.32177	-.16776	.00000	2.01723	1783.77000	110.20000	569.87000	-14.50000
1.097	1.967	922.70000	-5.62400	-.22629	-.19652	.00000	2.04145	1826.03999	110.20000	569.87000	-19.18000
1.098	4.069	923.40000	-3.77700	-.10994	-.23416	.00000	2.01507	1867.10001	110.20000	569.87000	-28.16000
1.102	6.028	918.50000	-2.34400	.03548	-.30566	.00000	2.09674	1892.92000	110.00000	569.67000	-49.90000
1.101	7.940	919.70000	-1.61800	.30282	-.36646	.00000	1.97073	1913.37000	110.20000	569.87000	-96.43000
1.099	10.041	920.50000	-2.64800	.54853	-.28947	.00000	2.04623	1922.42999	111.00000	570.67000	-138.30000
1.101	11.953	918.80000	-4.22600	.68315	-.22499	.00000	2.00539	1926.95000	110.50000	570.17000	-154.99000
1.100	13.871	921.20000	-5.90700	.79769	-.19161	.00000	1.97019	1929.42999	110.40000	570.07000	-162.39000
1.101	15.911	919.10000	-7.76100	.91899	-.16723	.00000	1.96863	1920.82001	110.50000	570.17000	-166.49000
1.101	17.912	919.80000	-9.60400	1.04302	-.14578	.00000	1.99407	1909.13000	110.20000	569.87000	-168.81000
	GRADIENT	.53351	.91592	.05103	-.01269	.00000	.01821	23.60455	.03512	.03512	-2.32872

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-3.928	860.20000	-11.12000	-.50211	-.13798	.00000	1.97891	1669.37000	110.00000	569.67000	-9.59000
1.151	-1.962	858.80000	-9.27800	-.40620	-.14532	.00000	1.99985	1723.71001	110.20000	569.87000	-11.58000
1.151	.008	857.60000	-7.44300	-.31413	-.15810	.00000	2.00547	1770.49001	110.40000	570.07000	-14.41000
1.148	2.044	860.70000	-5.58500	-.21647	-.18025	.00000	2.02253	1814.96001	110.20000	569.87000	-19.29000
1.149	4.047	861.10000	-3.82100	-.11057	-.21563	.00000	2.02144	1851.75999	109.90000	569.57000	-28.23000
1.150	6.039	859.10000	-2.34200	.03325	-.29541	.00000	2.09550	1876.69000	109.90000	569.57000	-50.30000
1.149	7.933	859.50000	-1.64800	.29188	-.35579	.00000	1.98998	1892.84000	109.60000	569.27000	-96.43000
1.149	9.940	860.20000	-2.70600	.53436	-.29005	.00000	2.14316	1905.38000	111.10000	570.77000	-136.64000
1.149	11.887	859.20000	-4.15200	.66741	-.21037	.00000	1.92505	1907.42999	109.90000	569.57000	-155.52000
1.148	13.900	861.60000	-5.94000	.79040	-.17933	.00000	1.95337	1910.28999	109.80000	569.47000	-162.54000
1.150	15.857	858.10000	-7.72400	.90548	-.15793	.00000	1.94985	1902.75999	109.60000	569.27000	-166.50000
1.150	17.910	857.90000	-9.62100	1.02807	-.14345	.00000	1.99674	1889.36000	109.60000	569.27000	-168.80000
1.148	18.951	861.80000	-10.58000	1.09072	-.14078	.00000	2.00541	1883.39999	111.30000	570.97000	-169.75000
	GRADIENT	.18828	.91644	.04875	-.00955	.00000	.00539	22.84032	-.01040	-.01040	-2.25785

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.200	-4.012	807.60000	-11.15300	-.50731	-.14745	.00000	2.02236	1668.17999	109.60000	569.27000	-9.74000
1.202	-1.980	806.00000	-9.24900	-.40542	-.15399	.00000	1.99962	1721.58000	109.60000	569.27000	-11.56000
1.201	-.016	806.80000	-7.42100	-.31212	-.17072	.00000	2.00891	1768.69000	109.30000	568.97000	-14.38000
1.201	2.000	806.80000	-5.57200	-.21530	-.18956	.00000	2.00553	1810.28000	109.60000	569.27000	-19.05000
1.200	3.978	807.20000	-3.84600	-.10695	-.22940	.00000	2.04225	1842.36000	109.60000	569.27000	-28.15000
1.201	6.018	806.40000	-2.30600	.04174	-.30272	.00000	2.06370	1868.98000	109.50000	569.17000	-49.86000
1.200	7.937	807.70000	-1.73400	.30290	-.36271	.00000	2.08359	1888.91000	109.80000	569.47000	-96.03000
1.202	9.993	805.20000	-2.72400	.54102	-.28549	.00000	2.14754	1899.10001	109.50000	569.17000	-136.74000
1.198	11.886	809.20000	-4.15400	.67440	-.20565	.00000	1.92258	1904.10001	109.60000	569.27000	-155.50000
1.196	13.858	810.60000	-5.90300	.79054	-.17826	.00000	1.94524	1901.67000	109.90000	569.57000	-162.50000
1.204	15.934	805.00000	-7.74300	.91345	-.15850	.00000	1.95739	1904.14999	109.90000	569.57000	-166.48000
1.202	17.947	806.60000	-9.59700	1.03662	-.13905	.00000	1.98470	1895.25000	109.60000	569.27000	-168.82000
	GRADIENT	-.00081	.91640	.04964	-.00998	.00000	.00227	21.90107	.00007	.00007	-2.21828

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	-4.010	645.20000	-11.11900	-.52237	-.12814	.00000	1.86801	1519.08000	110.40000	570.07000	-9.06000
1.301	-1.957	644.30000	-9.21100	-.42867	-.14576	.00000	1.99957	1564.23000	110.50000	570.17000	-11.66000
1.300	-.020	644.20000	-7.40600	-.34178	-.15643	.00000	2.00340	1602.45000	110.30000	569.97000	-14.48000
1.299	1.989	645.50000	-5.57000	-.24982	-.17830	.00000	2.02848	1633.89000	110.50000	570.17000	-19.43000
1.300	4.021	644.70000	-3.78400	-.14789	-.21483	.00000	2.02754	1661.38000	110.40000	570.07000	-28.65000
1.299	6.015	645.90000	-2.32700	-.00714	-.29445	.00000	2.10257	1684.62000	110.40000	570.07000	-51.06000
1.300	7.960	646.00000	-1.69800	.25089	-.34979	.00000	2.02892	1707.14999	110.50000	570.17000	-97.74000
1.300	9.999	644.60000	-2.76400	.47903	-.27797	.00000	2.14742	1712.95000	110.20000	569.87000	-137.31000
1.301	11.906	643.60000	-4.17900	.60417	-.19933	.00000	1.91614	1712.86000	110.40000	570.07000	-155.66000
1.300	13.940	645.70000	-6.00200	.71763	-.17219	.00000	1.96496	1718.39000	110.60000	570.27000	-162.54000
1.299	15.926	647.20000	-7.81400	.83100	-.15364	.00000	1.97580	1712.36000	110.50000	570.17000	-166.43000
1.299	17.954	647.60000	-9.68200	.94995	-.13264	.00000	1.96679	1704.67999	110.20000	569.87000	-168.99000
	GRADIENT	.00943	.91521	.04638	-.01030	.00000	.01743	17.70434	.00012	.00012	-2.34879

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.401	-4.020	562.30000	-11.09800	-.54704	-.14052	.00000	1.94935	1501.00999	110.20000	569.87000	-9.44000
1.401	-1.993	561.50000	-9.21300	-.45003	-.14932	.00000	2.02077	1542.63000	110.20000	569.87000	-11.77000
1.401	-.015	562.80000	-7.37200	-.36101	-.15758	.00000	2.00978	1582.00999	110.00000	569.67000	-14.59000
1.402	1.977	562.30000	-5.55300	-.26806	-.17769	.00000	2.01310	1615.34000	110.10000	569.77000	-19.33000
1.399	4.008	563.30000	-3.79300	-.16245	-.21831	.00000	2.04404	1644.53000	110.20000	569.87000	-28.80000
1.400	6.072	562.50000	-2.27100	-.02043	-.29192	.00000	2.06023	1662.30000	110.10000	569.77000	-51.21000
1.401	8.039	562.50000	-1.75400	.24413	-.34646	.00000	2.07951	1675.45000	110.30000	569.97000	-98.12000
1.400	10.071	562.60000	-2.77400	.47375	-.27285	.00000	2.14274	1683.70000	110.30000	569.97000	-137.49000
1.402	11.999	562.10000	-4.23100	.59612	-.19674	.00000	1.93161	1690.14999	110.30000	569.97000	-155.71000
1.401	14.063	562.20000	-6.08300	.71612	-.17114	.00000	1.98504	1689.23000	110.50000	570.17000	-162.57000
1.401	15.966	563.20000	-7.81600	.82534	-.14750	.00000	1.96639	1687.42000	110.50000	570.17000	-166.46000
1.399	18.004	564.30000	-9.69700	.94409	-.13056	.00000	1.96597	1680.53000	110.50000	570.17000	-169.00000
	GRADIENT	.13964	.91227	.04750	-.00919	.00000	.00910	17.96196	-.00492	-.00492	-2.31246

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.548	-3.908	416.20000	-11.13700	-.52438	-.13264	.00000	1.98398	1320.52000	110.00000	569.67000	-9.63000
1.548	-1.851	417.40000	-9.20400	-.43937	-.14135	.00000	2.00002	1363.14000	110.20000	569.87000	-11.70000
1.549	.114	416.70000	-7.37200	-.35706	-.15105	.00000	1.99332	1395.35001	110.20000	569.87000	-14.51000
1.549	2.104	415.70000	-5.55800	-.27320	-.17310	.00000	2.02296	1417.75000	110.20000	569.87000	-19.47000
1.550	4.150	415.60000	-3.77500	-.17877	-.21090	.00000	2.03606	1439.56000	110.20000	569.87000	-28.94000
1.551	6.220	415.60000	-2.25500	-.03869	-.28694	.00000	2.05823	1459.10001	110.30000	569.97000	-51.84000
1.552	8.091	415.40000	-1.68800	.21471	-.33193	.00000	1.99680	1471.80000	110.20000	569.87000	-98.81000
1.551	10.026	415.10000	-2.73300	.43548	-.24543	.00000	2.03324	1476.96001	110.80000	570.47000	-139.03000
1.547	11.923	417.30000	-4.27000	.54740	-.17984	.00000	1.92837	1481.75999	110.10000	569.77000	-155.75000
1.546	13.900	418.00000	-6.05400	.65518	-.14802	.00000	1.94294	1486.75000	110.00000	569.67000	-162.68000
1.552	15.908	414.80000	-7.90900	.76142	-.13106	.00000	1.96679	1483.63000	110.00000	569.67000	-166.50000
1.549	17.898	416.60000	-9.77500	.85511	-.12115	.00000	1.98839	1476.06000	110.00000	569.67000	-168.90000
	GRADIENT	-.14346	.91526	.04272	-.00939	.00000	.00634	14.58544	.02001	.02001	-2.31271

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (ZVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.202	-1.929	3580.79999	9.43400	.20472	-.00039	.00000	-.19958	3645.54999	74.40000	534.07000	-178.78000
.202	-.016	3579.70001	7.52700	.21183	-.00097	.00000	-.15884	3653.89001	74.50000	534.17000	-178.78000
.202	2.003	3580.39999	5.51600	.21995	-.00070	.00000	-.11657	3663.29999	74.70000	534.37000	-178.78000
.202	3.989	3582.79999	3.53700	.22776	.00013	.00000	-.07539	3672.85001	74.70000	534.37000	-178.78000
.201	6.053	3579.50000	1.48000	.23506	-.00025	.00000	-.03126	3674.45999	74.80000	534.47000	-178.78000
	GRADIENT	.34207	-.99631	.00391	.00009	.00000	.02090	4.61839	.05563	.05564	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (ZVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.250	-1.734	2301.60001	9.44800	.21319	-.00890	.00000	-.20286	2364.67999	80.40000	540.07000	-178.71000
.250	.144	2301.29999	7.57800	.22090	-.00898	.00000	-.16114	2375.12000	80.40000	540.07000	-178.71000
.251	2.144	2300.50000	5.58500	.22890	-.00924	.00000	-.11631	2382.78000	80.40000	540.07000	-178.71000
.250	4.009	2299.79999	3.52600	.23642	-.00926	.00000	-.07010	2388.45001	80.40000	540.07000	-178.71000
.250	6.242	2298.60001	1.50100	.24401	-.00931	.00000	-.02453	2392.87000	80.40000	540.07000	-178.71000
	GRADIENT	-.32275	-1.02744	.00404	-.00007	.00000	.02304	4.10658	.00000	.00000	.00000

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.404	-1.870	1659.60001	9.49100	.17069	.00593	.00000	-.21863	1783.78000	90.40000	550.07000	-178.71000
.404	.085	1662.89999	7.54900	.18393	.00652	.00000	-.17599	1806.99001	90.40000	550.07000	-178.71000
.405	2.152	1658.39999	5.49500	.19693	.00610	.00000	-.12963	1819.47000	90.70000	550.37000	-178.71000
.399	4.167	1663.00000	3.49200	.20992	.00703	.00000	-.08558	1831.12000	90.50000	550.17000	-178.71000
.398	6.117	1664.60001	1.55500	.22365	.00680	.00000	-.04176	1841.42000	90.50000	550.17000	-178.71000
	GRADIENT	.27669	-.99377	.00648	.00014	.00000	.02208	7.64391	.02990	.02990	.00000

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.599	-1.963	1674.80000	9.49000	.08478	.01265	.00000	-.20885	1978.91000	111.10000	570.77000	-178.81000
.599	.091	1672.70000	7.46600	.11399	.01238	.00000	-.18908	2020.38000	111.20000	570.87000	-178.64000
.599	2.060	1674.20000	5.52700	.14514	.01251	.00000	-.12519	2053.94000	110.90000	570.57000	-178.83000
.599	4.128	1668.20000	3.49200	.17844	.01418	.00000	-.09576	2073.91000	110.80000	570.47000	-178.66000
.599	6.169	1673.00000	1.48600	.21394	.01547	.00000	-.04494	2099.06000	110.80000	570.47000	-178.86000
	GRADIENT	-.90969	-.98478	.01542	.00023	.00000	.01988	15.73049	-.05905	-.05905	.01317

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.800	-1.822	1402.20000	9.42300	.09969	.00535	.00000	-.21163	1932.32001	110.10000	569.77000	-178.74000
.799	.082	1406.10001	7.56600	.14689	.00375	.00000	-.16365	1987.17999	110.20000	569.87000	-178.74000
.800	2.136	1406.30000	5.56500	.20114	.00425	.00000	-.12643	2034.17000	109.90000	569.57000	-178.74000
.800	4.197	1404.80000	3.55500	.25209	.00563	.00000	-.08436	2067.31000	109.60000	569.27000	-178.73000
.800	6.281	1405.20000	1.52600	.30792	.00517	.00000	-.03869	2092.79001	109.70000	569.37000	-178.74000
	GRADIENT	.38646	-.97480	.02543	.00007	.00000	.02113	22.42447	-.09039	-.09038	.00151

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (ZVR007) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.850	-1.940	1338.20000	9.51600	.07460	.00637	.00000	-.20144	1929.46001	110.20000	569.87000	-178.82000
.850	.144	1335.89999	7.48900	.13421	.00583	.00000	-.15442	1983.66000	109.90000	569.57000	-178.86000
.850	2.202	1334.89999	5.49500	.19669	.00441	.00000	-.13272	2027.48000	110.10000	569.77000	-178.86000
.850	4.246	1335.80000	3.50700	.25313	.00607	.00000	-.07457	2063.10999	110.20000	569.87000	-178.88000
.850	6.335	1338.30000	1.47800	.31400	.00676	.00000	-.03999	2094.51001	110.20000	569.87000	-178.71000
	GRADIENT	-.39926	-.97112	.02901	-.00011	.00000	.01951	21.58232	.00949	.00949	.00104

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.900	-1.931	1267.89999	9.50500	.07434	.01181	.00000	-.21161	1923.53999	110.70000	570.37000	-178.79000
.900	.161	1267.50000	7.48600	.14792	.01233	.00000	-.16997	1978.52000	110.70000	570.37000	-178.79000
.900	2.233	1265.89999	5.49100	.22435	.00582	.00000	-.12160	2024.86000	110.60000	570.27000	-178.79000
.900	4.321	1267.10001	3.48900	.31133	.00366	.00000	-.07729	2061.09000	110.50000	570.17000	-178.79000
.900	6.393	1267.10001	1.49500	.39014	.00251	.00000	-.03406	2088.17999	110.40000	570.07000	-178.79000
	GRADIENT	-.19179	-.96237	.03781	-.00149	.00000	.02167	22.03935	-.03360	-.03360	.00000

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.950	-1.845	1202.20000	9.47200	.12684	.00985	.00000	-.21390	1926.37000	110.20000	569.87000	-178.76000
.949	.191	1203.30000	7.52300	.21389	.00501	.00000	-.16604	1980.96001	110.20000	569.87000	-178.77000
.949	2.270	1203.70000	5.52300	.29327	-.00213	.00000	-.11433	2028.28999	110.10000	569.77000	-178.79000
.949	4.361	1204.20000	3.51600	.37752	-.00356	.00000	-.07004	2066.03000	110.30000	569.97000	-178.80000
.949	6.385	1204.20000	1.57500	.46182	-.00313	.00000	-.03014	2092.38000	110.30000	569.97000	-178.79000
	GRADIENT	.30880	-.96005	.04017	-.00229	.00000	.02335	22.52109	.00976	.00976	-.00677

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.981	-1.847	1162.70000	9.44300	.09450	.03965	.00000	-.24307	1927.47000	109.70000	569.37000	-178.76000
.979	.196	1164.60001	7.52100	.21618	.00584	.00000	-.16683	1980.58000	109.60000	569.27000	-178.77000
.979	2.283	1164.80000	5.52000	.30213	-.00085	.00000	-.11553	2029.70000	109.80000	569.47000	-178.79000
.979	4.387	1164.80000	3.51100	.39787	.00221	.00000	-.07631	2066.54001	109.60000	569.27000	-178.79000
.979	6.418	1165.39999	1.56700	.48570	.00473	.00000	-.03751	2092.92001	109.70000	569.37000	-178.80000
	GRADIENT	.31123	-.95233	.04789	-.00570	.00000	.02651	22.42022	-.00484	-.00484	-.00529

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (ZVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.049	-1.880	962.70000	9.44900	.06669	.01851	.00000	-.21878	1727.39000	111.10000	570.77000	-178.79000
1.048	.124	963.80000	7.53800	.15940	.02505	.00000	-.18640	1775.11000	111.10000	570.77000	-178.77000
1.051	2.223	962.10000	5.52900	.25025	.02534	.00000	-.14383	1821.25000	111.10000	570.77000	-178.77000
1.051	4.323	961.90000	3.52900	.35115	.00176	.00000	-.07623	1853.98000	111.10000	570.77000	-178.79000
1.051	6.472	960.80000	1.47300	.44402	.00069	.00000	-.03128	1876.03000	111.00000	570.67000	-178.81000
	GRADIENT	-.20038	-.95462	.04560	-.00244	.00000	.02274	20.54959	.00000	.00000	-.00148

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.101	-1.920	920.00000	9.40600	.03453	.01782	.00000	-.22862	1758.50000	110.50000	570.17000	-178.71000
1.098	.082	922.20000	7.55100	.13020	.01631	.00000	-.18714	1801.55000	110.40000	570.07000	-178.70000
1.101	2.167	919.20000	5.51800	.23486	-.00023	.00000	-.12477	1846.14999	110.50000	570.17000	-178.70000
1.100	4.279	920.00000	3.50700	.33602	.00352	.00000	-.08242	1880.00999	110.40000	570.07000	-178.71000
1.098	6.344	922.30000	1.58800	.43111	.00274	.00000	-.03847	1903.53000	110.20000	569.87000	-178.71000
	GRADIENT	-.14806	-.95402	.04879	-.00287	.00000	.02423	19.76804	-.00961	-.00962	-.00003

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-1.979	861.20000	9.47100	.04087	.01486	.00000	-.21560	1747.64000	111.10000	570.77000	-178.78000
1.149	.012	859.50000	7.57100	.13196	.01317	.00000	-.17522	1789.28000	111.10000	570.77000	-178.77000
1.151	2.154	857.60000	5.52700	.23077	.00497	.00000	-.12343	1830.53000	110.80000	570.47000	-178.77000
1.149	4.267	859.90000	3.51000	.32673	.00383	.00000	-.07973	1862.09000	110.90000	570.57000	-178.76000
1.149	6.306	859.90000	1.56400	.42057	.00283	.00000	-.03665	1886.55000	110.80000	570.47000	-178.76000
	GRADIENT	-.27394	-.95442	.04581	-.00198	.00000	.02201	18.40599	-.04324	-.04324	.00286

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.201	-1.981	799.10000	9.50600	.02355	.01515	.00000	-.21827	1732.00000	109.30000	568.97000	-178.77000
1.199	.093	800.70000	7.48200	.12412	.01626	.00000	-.17642	1774.80000	109.10000	568.77000	-178.77000
1.198	2.179	801.40000	5.49200	.22150	.00725	.00000	-.12496	1811.17999	109.10000	568.77000	-178.77000
1.198	4.250	803.10000	3.51400	.31480	.00841	.00000	-.08377	1845.64999	109.10000	568.77000	-178.77000
1.199	6.371	801.50000	1.49100	.41250	.00870	.00000	-.04065	1866.08000	109.00000	568.67000	-178.77000
	GRADIENT	.61098	-.96073	.04673	-.00141	.00000	.02189	18.15653	-.02886	-.02886	-.00000

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OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (ZVR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.299	-1.929	645.80000	9.44600	.01525	.01417	.00000	-.21930	1582.73000	110.40000	570.07000	-178.75000
1.299	.039	646.00000	7.56100	.09898	.01001	.00000	-.17712	1623.25000	110.60000	570.27000	-178.73000
1.301	2.123	645.10000	5.56600	.18844	.00684	.00000	-.13292	1655.14999	110.60000	570.27000	-178.70000
1.300	4.246	646.50000	3.53700	.28263	.00355	.00000	-.08189	1679.71001	110.60000	570.27000	-178.73000
1.299	6.301	647.10000	1.56900	.37055	.00404	.00000	-.03851	1698.14000	110.50000	570.17000	-178.74000
	GRADIENT	.05977	-.95695	.04327	-.00170	.00000	.02216	15.63111	.02871	.02871	.00429

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.401	-2.028	561.90000	9.54500	-.01516	.01870	.00000	-.22099	1567.95000	110.50000	570.17000	-178.78000
1.399	.076	564.40000	7.53500	.07899	.01689	.00000	-.17687	1604.57001	110.70000	570.37000	-178.78000
1.399	2.205	564.40000	5.50000	.17382	.01223	.00000	-.13106	1634.17000	110.70000	570.37000	-178.76000
1.398	4.281	563.50000	3.51500	.26484	.01080	.00000	-.08557	1654.22000	110.50000	570.17000	-178.78000
1.400	6.338	562.20000	1.54600	.35373	.00755	.00000	-.04042	1670.64000	110.50000	570.17000	-178.78000
	GRADIENT	.22876	-.95581	.04440	-.00135	.00000	.02147	13.70308	.00013	.00013	.00097

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.549	-2.124	417.10000	9.53500	-.01479	.02413	.00000	-.24276	1376.35001	112.10000	571.77000	-178.68000
1.550	-.045	416.70000	7.53900	.06974	.02020	.00000	-.18420	1409.33000	110.90000	570.47000	-178.75000
1.549	2.045	417.00000	5.53300	.15387	.01749	.00000	-.14089	1434.84000	110.60000	570.27000	-178.72000
1.549	4.167	415.50000	3.49500	.23797	.01505	.00000	-.09243	1446.96001	110.50000	570.17000	-178.73000
1.550	6.159	416.10000	1.58000	.31544	.01451	.00000	-.04972	1464.75999	110.60000	570.27000	-178.72000
	GRADIENT	-.21531	-.96008	.04018	-.00143	.00000	.02358	11.31148	-.23799	-.23799	-.00570

REFERENCE DATA

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	8.038	646.30000	.54000	-.00191	.00727	.00000	-.00399	1707.47000	110.30000	569.97000	.34000
1.300	11.908	645.20000	4.22700	.18067	-.00103	.00000	.02755	1716.33000	110.40000	570.07000	.36000
1.299	15.903	645.70000	8.00400	.39955	.00774	.00000	.03711	1708.64000	110.20000	569.87000	.32000
1.299	17.967	646.40000	9.95300	.51402	.00628	.00000	.04415	1701.88000	110.20000	569.87000	.29000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.319	7.955	628.60000	.46700	-.01199	.00945	.00000	-.00642	1702.91000	110.30000	569.97000	.36000
1.319	11.997	627.70000	4.31600	.18100	-.00118	.00000	.02900	1707.09000	110.20000	569.87000	.37000
1.320	16.006	629.50000	8.10100	.40465	.00756	.00000	.04064	1709.59000	110.20000	569.87000	.34000
1.320	18.010	629.20000	9.99300	.51702	.00543	.00000	.04863	1702.64999	110.30000	569.97000	.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.340	7.977	611.80000	.49000	-.01328	.00865	.00000	-.00549	1701.39999	109.80000	569.47000	.36000
1.340	12.002	612.50000	4.32000	.18208	.00076	.00000	.02713	1707.27000	109.80000	569.47000	.37000
1.337	16.034	614.10000	8.12900	.40543	.00697	.00000	.04138	1708.28000	109.60000	569.27000	.34000
1.335	18.010	616.40000	9.99300	.51731	.00584	.00000	.04997	1696.00999	109.70000	569.37000	.32000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.360	7.980	596.60000	.50500	-.01582	.01396	.00000	-.01048	1695.19000	109.10000	568.77000	.38000
1.360	11.974	593.70000	4.30500	.17809	.01978	.00000	.00917	1699.98000	110.10000	569.77000	.38000
1.360	16.056	595.90000	8.16200	.40364	.00431	.00000	.04129	1693.39999	110.40000	570.07000	.32000
1.361	17.986	594.70000	9.98200	.51353	.00379	.00000	.05186	1690.19000	110.50000	570.17000	.32000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.378	7.985	580.50000	.52300	-.01749	.01007	.00000	-.00659	1690.84000	110.60000	570.27000	.37000
1.380	11.946	580.20000	4.29200	.17448	-.00011	.00000	.02630	1702.05000	110.80000	570.47000	.35000
1.381	16.045	576.70000	8.16400	.40104	.00479	.00000	.04226	1688.81000	110.70000	570.37000	.33000
1.381	17.961	579.00000	9.97000	.51141	.00290	.00000	.04745	1689.13000	110.80000	570.47000	.29000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.400	7.991	563.00000	.54000	-.01971	.00596	.00000	-.00261	1683.56000	110.90000	570.57000	.35000
1.400	11.952	562.60000	4.30900	.17212	-.00277	.00000	.02750	1688.50999	110.80000	570.47000	.33000
1.401	16.014	562.90000	8.14400	.39928	.00143	.00000	.04254	1686.94000	110.80000	570.47000	.31000
1.399	17.971	564.50000	9.99100	.50947	-.00130	.00000	.05328	1681.03000	110.80000	570.47000	.30000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.450	7.985	525.40000	.56400	-.02908	.00472	.00000	-.00379	1663.02000	110.80000	570.47000	.09000
1.449	11.857	526.00000	4.24700	.16027	-.00068	.00000	.00659	1670.52000	110.80000	570.47000	.08000
1.451	16.025	523.90000	8.06000	.38485	.00401	.00000	.00876	1665.70000	110.60000	570.27000	.09000
1.451	18.092	523.40000	10.01200	.49993	-.00042	.00000	.01257	1654.80000	110.70000	570.37000	.07000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.201	-1.766	3575.79999	-9.22800	-.23780	-.00013	.00000	.00013	3638.63000	82.10000	541.77000	.00000
.201	2.228	3574.39999	-5.24900	-.22347	-.00051	.00000	.00051	3658.00000	81.50000	541.17000	.00000
.201	6.192	3578.20001	-1.30000	-.20799	-.00030	.00000	.00030	3672.81000	81.40000	541.07000	.00000
.201	10.191	3574.60001	2.68200	-.19059	-.00119	.00000	.00117	3673.75000	81.10000	540.77000	.00000
.200	14.198	3572.00000	6.66700	-.16925	-.00077	.00000	.00075	3668.75000	81.00000	540.67000	.00000
.201	18.204	3579.89999	10.65000	-.14553	-.00092	.00000	.00088	3670.51999	80.70000	540.37000	.00000
	GRADIENT	-.35058	.99641	.00359	-.00010	.00000	.00010	4.85059	-.15025	-.15025	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.397	-1.964	1667.20000	-9.26200	-.25227	-.00138	.00000	.00138	1784.99001	85.30000	544.97000	.00000
.399	2.089	1663.00000	-5.23500	-.22585	-.00177	.00000	.00177	1818.91000	86.90000	546.57000	.00000
.400	6.076	1663.20000	-1.27600	-.19782	-.00096	.00000	.00096	1840.69000	88.00000	547.67000	.00000
.399	10.062	1663.10001	2.67700	-.16525	-.00105	.00000	.00103	1849.47000	88.70000	548.37000	.00000
.399	14.055	1663.30000	6.63300	-.12800	-.00150	.00000	.00145	1847.92999	89.30000	548.97000	.00000
.398	18.049	1663.70000	10.58900	-.08982	-.00197	.00000	.00187	1838.00999	90.00000	549.67000	.00000
	GRADIENT	-1.03616	.99348	.00652	-.00010	.00000	.00010	8.36824	.39473	.39473	.00000

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.599	-1.951	1670.39999	-9.18400	-.32661	.00836	.00000	-.00835	1967.50000	109.50000	569.17000	.00000
.600	2.115	1672.60001	-5.18600	-.25895	.00766	.00000	-.00766	2051.75000	109.50000	569.17000	.00000
.601	6.089	1673.60001	-1.28100	-.18986	.00839	.00000	-.00857	2100.19000	109.20000	568.87000	.01000
.600	10.078	1670.39999	2.63100	-.11257	.00919	.00000	-.00859	2114.19000	109.20000	568.87000	.01000
.600	14.086	1668.70000	6.55200	-.02560	.00733	.00000	-.00597	2110.28000	109.20000	568.87000	.01000
.598	18.076	1672.20000	10.45200	.06447	.00216	.00000	-.00386	2094.42001	109.70000	569.37000	-.01000
	GRADIENT	.54112	.98336	.01664	-.00017	.00000	.00017	20.72239	-.00000	-.00000	.00000

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.699	-1.936	1543.70000	-9.15300	-.34271	.00706	.00000	-.00705	1948.28999	110.50000	570.17000	.00000
.702	2.061	1537.70000	-5.24200	-.25723	.00745	.00000	-.00744	2036.58000	110.90000	570.57000	.00000
.703	6.114	1534.89999	-1.27700	-.16925	.00828	.00000	-.00823	2089.76001	110.90000	570.57000	.00000
.701	10.066	1537.60001	2.57900	-.07345	.00690	.00000	-.00679	2114.87000	110.50000	570.17000	.00000
.700	14.084	1542.80000	6.48600	.03847	.00758	.00000	-.00735	2118.19000	110.70000	570.37000	.00000
.697	18.070	1544.30000	10.35700	.15325	.00537	.00000	-.00510	2098.98001	110.80000	570.47000	.00000
	GRADIENT	-1.50133	.97861	.02139	.00010	.00000	-.00010	22.09194	.10009	.10009	.00000

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.801	-1.983	1409.10001	-9.11800	-.36476	.00450	.00000	-.00291	1933.95000	109.60000	569.27000	-.01000
.800	1.919	1405.20000	-5.31800	-.26308	.00521	.00000	-.00520	2026.89000	109.80000	569.47000	.00000
.800	5.912	1405.50000	-1.43200	-.15646	.00707	.00000	-.00704	2089.73999	110.20000	569.87000	.00000
.800	9.967	1403.89999	2.50300	-.03643	.00612	.00000	-.00603	2115.35999	110.40000	570.07000	.00000
.800	13.967	1402.60001	6.36100	.10551	.00649	.00000	-.00630	2112.29001	110.00000	569.67000	.00000
.799	18.030	1402.89999	10.27000	.26006	.00324	.00000	-.00308	2087.76001	110.30000	569.97000	.00000
	GRADIENT	-.99957	.97394	.02606	.00018	.00000	-.00059	23.82051	.05126	.05126	.00256

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.900	-1.953	1267.60001	-9.07300	-.37954	.00420	.00000	-.00419	1917.59000	111.10000	570.77000	.00000
.900	1.965	1268.00000	-5.29700	-.23823	.00362	.00000	-.00362	2019.81000	111.00000	570.67000	.00000
.900	5.944	1268.70000	-1.47900	-.07666	.00096	.00000	-.00095	2088.60999	111.10000	570.77000	.00000
.900	9.984	1268.10001	2.39100	.09286	.00025	.00000	-.00024	2114.38000	110.50000	570.17000	.00000
.900	13.992	1268.60001	6.20700	.28548	.00603	.00000	-.00261	2113.57999	110.70000	570.37000	.03000
.900	17.996	1267.80000	10.00200	.49357	.00588	.00000	-.00733	2085.70999	110.50000	570.17000	-.01000
	GRADIENT	.10211	.96393	.03607	-.00015	.00000	.00015	26.09444	-.02553	-.02553	.00000

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.950	-1.973	1201.70000	-9.12100	-.35187	.02638	.00000	-.02319	1915.75000	110.80000	570.47000	-.02000
.950	1.989	1202.50000	-5.34400	-.16683	-.00183	.00000	.00369	2021.23000	110.60000	570.27000	-.02000
.950	6.006	1200.20000	-1.48900	-.00509	-.00359	.00000	.00435	2084.04999	110.20000	569.87000	-.03000
.950	9.980	1201.39999	2.30100	.17879	.00609	.00000	-.00640	2114.72000	110.20000	569.87000	-.01000
.950	14.007	1202.70000	6.11800	.38849	.01795	.00000	-.01635	2116.70001	111.10000	570.77000	.01000
.950	17.985	1198.89999	9.92200	.56289	.01804	.00000	-.02060	2082.57999	110.20000	569.87000	-.02000
	GRADIENT	.20191	.95329	.04670	-.00712	.00000	.00679	26.62251	-.05048	-.05048	-.00000

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.980	-2.021	1163.20000	-9.15900	-.36167	.03021	.00000	-.03019	1896.49001	110.70000	570.37000	.00000
.979	2.041	1164.20000	-5.29800	-.16092	-.00189	.00000	.00281	2006.33000	109.00000	568.67000	-.01000
.980	6.025	1161.10001	-1.48400	.00860	-.00061	.00000	.00086	2071.23999	109.00000	568.67000	-.01000
.980	9.998	1160.50000	2.30500	.19281	.03588	.00000	-.03454	2099.28000	110.30000	569.97000	.02000
.980	14.003	1160.20000	6.10800	.39466	.05290	.00000	-.05239	2098.57999	110.50000	570.17000	-.01000
.980	18.003	1162.20000	9.89600	.60710	.01570	.00000	-.02353	2072.20001	110.20000	569.87000	-.05000
	GRADIENT	.24620	.95058	.04943	-.00790	.00000	.00813	27.04253	-.41854	-.41854	-.00246

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.050	-1.995	961.80000	-9.10800	-.38681	.00704	.00000	-.00704	1616.31000	111.20000	570.87000	.00000
1.049	2.060	961.90000	-5.23600	-.20409	.02738	.00000	-.02828	1707.60001	110.70000	570.37000	.01000
1.049	6.072	962.30000	-1.40400	-.02426	.00342	.00000	-.00341	1768.11000	110.20000	569.87000	.00000
1.050	10.045	962.60000	2.38200	.16319	.00193	.00000	-.00190	1793.86000	110.80000	570.47000	.00000
1.050	14.074	962.40000	6.19800	.37547	-.02224	.00000	.01834	1793.42000	110.20000	569.87000	-.03000
1.049	18.029	961.70000	9.93700	.59158	.02098	.00000	-.02686	1766.56000	110.60000	570.27000	-.04000
	GRADIENT	.02466	.95494	.04506	.00502	.00000	-.00524	22.51456	-.12331	-.12331	.00247

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.100	-2.011	906.70000	-9.09700	-.41410	.00461	.00000	.00014	1721.48000	110.20000	569.87000	-.03000
1.099	2.052	908.00000	-5.22500	-.22330	-.00183	.00000	.00365	1815.52000	109.30000	568.97000	-.02000
1.100	6.005	907.90000	-1.45700	-.03835	.00450	.00000	-.00448	1872.84000	109.60000	569.27000	.00000
1.100	10.024	906.80000	2.36400	.16043	-.00936	.00000	.00922	1896.28000	109.50000	569.17000	.00000
1.100	14.083	905.00000	6.15000	.38326	-.00040	.00000	-.00068	1893.98000	109.70000	569.37000	-.01000
1.100	18.076	905.10000	9.91800	.60801	.00623	.00000	-.00764	1870.77000	109.40000	569.07000	-.01000
	GRADIENT	.31998	.95304	.04696	-.00158	.00000	.00086	23.14660	-.22152	-.22152	.00246

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.148	-1.987	854.50000	-9.13200	-.40497	.00061	.00000	-.00061	1726.97000	111.00000	570.67000	.00000
1.149	2.086	851.30000	-5.24100	-.22337	.00212	.00000	-.00121	1812.70000	111.10000	570.77000	-.01000
1.151	6.046	853.70000	-1.45800	-.04554	.00188	.00000	-.00187	1874.57001	109.30000	568.97000	.00000
1.151	10.040	851.50000	2.34300	.14745	-.00718	.00000	.00707	1891.49001	108.90000	568.57000	.00000
1.150	14.088	849.50000	6.17000	.36757	-.00226	.00000	.00219	1887.84000	109.30000	568.97000	.00000
1.150	18.062	851.00000	9.91500	.59726	.00213	.00000	-.00719	1871.62000	109.30000	568.97000	-.03000
	GRADIENT	-.78574	.95541	.04459	.00037	.00000	-.00015	21.05048	.02455	.02455	-.00246

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.200	-1.998	800.10000	-9.08400	-.41449	-.00089	.00000	.00089	1720.41000	109.70000	569.37000	.00000
1.200	2.045	799.60000	-5.27200	-.23251	-.00296	.00000	.00296	1805.75000	109.60000	569.27000	.00000
1.199	6.060	800.70000	-1.43800	-.05207	-.00114	.00000	.00113	1861.14000	109.40000	569.07000	.00000
1.199	10.055	801.10000	2.36500	.14026	-.01489	.00000	.01342	1884.80000	109.50000	569.17000	-.03000
1.200	14.080	799.10000	6.16900	.36111	-.00997	.00000	.00967	1884.28999	109.10000	568.77000	.00000
1.200	18.036	798.30000	9.94300	.59293	-.00204	.00000	-.00324	1867.80000	109.60000	569.27000	-.03000
	GRADIENT	-.12364	.94264	.04500	-.00051	.00000	.00051	21.10298	-.02473	-.02473	.00000

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	-1.999	643.80000	-9.06100	-.43780	.00160	.00000	-.00632	1572.64999	110.80000	570.47000	.03000
1.300	2.014	643.70000	-5.22000	-.26617	.00472	.00000	-.00471	1642.14000	110.60000	570.27000	.00000
1.300	5.952	643.70000	-1.45100	-.09679	.00314	.00000	-.00312	1689.03999	110.80000	570.47000	.00000
1.300	9.980	643.80000	2.39400	.08557	-.00573	.00000	.00522	1718.58000	110.90000	570.57000	-.01000
1.300	14.018	643.70000	6.22500	.29274	-.00354	.00000	.00452	1735.67000	110.60000	570.27000	.01000
1.300	18.041	643.90000	10.02400	.51730	.00083	.00000	-.00253	1752.83000	111.10000	570.77000	-.01000
	GRADIENT	-.02492	.95723	.04277	.00078	.00000	.00040	17.31790	-.04984	-.04985	-.00748

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.550	-1.888	414.10000	-9.01000	-.45826	-.00207	.00000	.00207	1361.86000	110.60000	570.27000	.00000
1.550	2.047	415.80000	-5.23000	-.30302	-.00106	.00000	.00106	1425.10001	110.80000	570.47000	.00000
1.550	6.027	415.50000	-1.40400	-.14856	-.00223	.00000	.00197	1460.10001	110.50000	570.17000	.01000
1.549	10.107	415.80000	2.50400	.02297	-.00894	.00000	.00968	1479.42999	110.70000	570.37000	.02000
1.550	14.069	416.70000	6.27500	.21392	-.00635	.00000	.00835	1488.42000	110.90000	570.57000	.02000
1.549	18.098	416.30000	10.10400	.41392	-.00451	.00000	-.00273	1482.75000	110.80000	570.47000	-.04000
	GRADIENT	.43199	.96055	.03945	.00026	.00000	-.00026	16.07018	.05082	.05082	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.219	8.054	717.50000	2.17600	.21334	.14104	.00000	2.01665	1722.25999	109.30000	568.97000	82.29000
1.219	11.957	718.90000	4.72200	.22137	-.00917	.00000	2.14344	1734.66000	109.10000	568.77000	26.90000
1.220	16.095	717.10000	8.40700	.41806	-.06202	.00000	2.06952	1729.94000	109.20000	568.87000	13.88000
1.218	18.084	718.60000	10.23000	.53134	-.06869	.00000	2.02822	1718.57001	110.80000	570.47000	11.12000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.240	8.054	701.90000	2.17700	.21076	.14063	.00000	2.01769	1723.05000	109.50000	569.17000	82.22000
1.240	11.968	697.70000	4.67800	.21597	-.00558	.00000	2.00430	1727.53000	108.80000	568.47000	25.32000
1.238	15.977	701.80000	8.28400	.40991	-.05903	.00000	1.99966	1728.71001	109.00000	568.67000	13.61000
1.239	18.079	703.90000	10.22300	.53211	-.06827	.00000	2.01952	1724.81000	109.60000	569.27000	11.08000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.260	8.045	682.10000	2.17300	.20531	.14202	.00000	2.01173	1714.38000	109.60000	569.27000	82.10000
1.259	11.981	683.10000	4.69400	.21705	-.00614	.00000	2.00945	1728.75000	109.30000	568.97000	25.29000
1.258	15.984	681.40000	8.30000	.40876	-.05937	.00000	2.02757	1717.72000	109.20000	568.87000	13.78000
1.258	18.096	683.60000	10.23800	.53131	-.06697	.00000	1.99319	1714.69000	109.50000	569.17000	10.92000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.280	8.039	661.70000	2.19400	.20628	.14330	.00000	2.03126	1703.55000	109.30000	568.97000	82.10000
1.280	11.999	663.20000	4.73000	.21352	-.00179	.00000	2.03394	1719.07001	109.70000	569.37000	25.47000
1.280	15.970	663.20000	8.28700	.40611	-.05244	.00000	1.99823	1717.21001	109.60000	569.27000	13.64000
1.279	18.105	664.20000	10.25300	.52887	-.06115	.00000	2.00094	1707.39000	109.30000	568.97000	10.98000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	8.026	646.10000	2.17600	.20063	.14261	.00000	2.01322	1701.53999	110.20000	569.87000	81.93000
1.300	11.917	647.10000	4.71100	.21126	-.00502	.00000	2.14907	1721.14 00	109.90000	569.57000	27.10000
1.300	15.977	646.50000	8.29400	.40705	-.05447	.00000	1.99760	1714.12000	110.20000	569.87000	13.61000
1.301	18.072	645.10000	10.22600	.52924	-.06176	.00000	2.01913	1704.72000	109.90000	569.47000	11.11000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.320	8.006	628.00000	2.17700	.18494	.13977	.00000	2.01621	1698.00000	109.10000	568.77000	81.78000
1.321	12.016	629.90000	4.75400	.21032	-.01487	.00000	2.04054	1717.33000	109.90000	569.57000	25.25000
1.319	15.986	626.20000	8.31200	.40286	-.06295	.00000	2.01557	1700.98000	111.10000	570.77000	13.65000
1.321	18.067	625.50000	10.22000	.52421	-.07069	.00000	1.98466	1695.03999	111.10000	570.77000	10.87000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.341	8.001	612.20000	2.18100	.17926	.13926	.00000	2.01912	1701.81000	109.80000	569.47000	81.50000
1.340	12.007	609.90000	4.75300	.20361	-.01852	.00000	2.03843	1702.66000	109.60000	569.27000	25.18000
1.340	15.979	610.40000	8.30900	.40237	-.06905	.00000	2.02636	1703.86000	109.30000	568.97000	13.69000
1.340	18.093	610.90000	10.24700	.52792	-.07750	.00000	1.98389	1696.75000	109.30000	568.97000	10.80000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (ZVR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.360	7.994	594.10000	2.18800	.17870	.14136	.00000	2.02289	1686.42999	109.50000	569.17000	81.31000
1.360	11.935	596.50000	4.69800	.19978	-.01528	.00000	2.02232	1707.32001	109.90000	569.57000	25.32000
1.360	15.984	596.40000	8.31500	.40576	-.06456	.00000	1.99390	1705.99001	109.60000	569.27000	13.48000
1.360	18.040	595.40000	10.21100	.52660	-.07576	.00000	2.02786	1694.71001	109.40000	569.07000	11.10000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.380	7.981	578.10000	2.19700	.17164	.13824	.00000	2.03335	1684.75000	109.30000	568.97000	81.05000
1.379	11.967	579.80000	4.73600	.20010	-.01145	.00000	2.00335	1700.27000	109.20000	568.87000	24.90000
1.381	15.941	579.70000	8.29400	.40507	-.05930	.00000	2.01066	1698.72000	109.30000	568.97000	13.67000
1.381	18.045	578.60000	10.22100	.52875	-.06833	.00000	1.98434	1689.89000	109.60000	569.27000	10.88000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.401	7.957	562.70000	2.18900	.16963	.13848	.00000	2.02626	1680.42999	109.60000	569.27000	81.23000
1.400	11.908	564.20000	4.75000	.19685	-.01308	.00000	2.12361	1690.92000	109.50000	569.17000	26.41000
1.399	15.912	561.90000	8.28100	.39766	-.05741	.00000	1.99600	1679.46001	109.60000	569.27000	13.60000
1.401	18.020	559.80000	10.21600	.52129	-.06697	.00000	1.99084	1670.28000	109.40000	569.07000	10.93000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.450	7.958	526.80000	2.20300	.16170	.13993	.00000	2.03247	1663.17999	110.50000	570.17000	80.23000
1.450	11.985	524.20000	4.71400	.18141	-.00772	.00000	1.97405	1668.34000	110.10000	569.77000	24.68000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.450	16.008	524.60000	8.41000	.39611	-.05729	.00000	2.03015	1665.21001	110.50000	570.17000	13.63000
1.449	17.954	525.00000	10.19100	.50939	-.06591	.00000	2.00082	1658.24001	110.50000	570.17000	11.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.1900 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.200	-1.724	3577.10001	-9.17900	-.24540	.00104	.00000	-.00104	3639.14999	86.10000	545.77000	.00000
.202	.162	3578.39999	-7.30000	-.23816	.00111	.00000	-.00111	3651.45999	85.70000	545.37000	.00000
.202	2.150	3575.60001	-5.32000	-.23001	.00100	.00000	-.00100	3656.89001	85.40000	545.07000	.00000
.200	4.102	3576.50000	-3.37500	-.22268	.00110	.00000	-.00110	3664.42001	85.30000	544.97000	.00000
.199	6.155	3579.29999	-1.33000	-.21476	.00105	.00000	-.00105	3671.64999	85.20000	544.87000	.00000
.200	8.172	3578.29999	.67900	-.20696	.00057	.00000	-.00056	3675.00000	85.00000	544.67000	.00000
.200	10.191	3578.20001	2.68800	-.19736	.00044	.00000	-.00044	3675.81000	84.90000	544.57000	.00000
.200	12.186	3578.20001	4.67400	-.18770	-.00012	.00000	.00012	3675.00000	84.80000	544.47000	.00000
.200	14.194	3577.70001	6.67100	-.17682	-.00034	.00000	.00033	3675.98001	84.70000	544.37000	.00000
.199	16.200	3578.70001	8.66600	-.16566	-.00058	.00000	.00056	3673.00000	84.50000	544.17000	.00000
	GRADIENT	-.23944	.99608	.00392	.00000	.00000	-.00000	4.16507	-.13845	-.13845	.00000

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.250	-3.986	2289.10001	-11.25300	-.23319	.00218	.00000	-.00218	2335.82999	90.90000	550.57000	.00000
.251	-2.079	2289.10001	-9.35200	-.22671	.00239	.00000	-.00239	2348.47000	90.30000	549.97000	.00000
.251	-.007	2287.39999	-7.28700	-.21960	.00278	.00000	-.00278	2358.57999	90.00000	549.67000	.00000
.252	1.932	2285.70001	-5.35600	-.21185	.00272	.00000	-.00272	2366.69000	89.80000	549.47000	.00000
.253	3.917	2285.00000	-3.37800	-.20510	.00299	.00000	-.00298	2374.14001	89.60000	549.27000	.00000
.254	5.951	2287.00000	-1.35200	-.19684	.00253	.00000	-.00251	2381.82001	89.40000	549.07000	.00000
.253	7.977	2292.29999	.66500	-.18817	.00238	.00000	-.00235	2390.22000	89.30000	548.97000	.00000
.252	10.002	2289.50000	2.68100	-.17915	.00245	.00000	-.00241	2388.47000	88.90000	548.57000	.00000
.251	11.976	2292.89999	4.64600	-.16955	.00236	.00000	-.00230	2279.35999	88.70000	548.37000	.00000
.252	13.990	2280.50000	6.64800	-.15851	.00256	.00000	-.00249	2379.09000	88.50000	548.17000	.00000
.253	16.030	2283.60001	8.67700	-.14711	.00187	.00000	-.00179	2380.59000	88.30000	547.97000	.00000
	GRADIENT	-.58628	.99642	.00358	.00010	.00000	-.00010	4.78432	-.15627	-.15627	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.399	-1.885	1665.89999	-9.18400	-.25101	-.00089	.00000	.00249	1784.45000	89.70000	549.37000	-.01000
.399	.013	1666.39999	-7.29900	-.23805	-.00123	.00000	.00250	1805.48000	89.80000	549.47000	-.01000
.401	1.980	1667.10001	-5.34600	-.22399	-.00104	.00000	.00197	1823.06000	89.50000	549.17000	-.01000
.400	3.996	1663.30000	-3.34200	-.21211	-.00129	.00000	.00187	1831.28000	89.60000	549.27000	-.01000
.401	5.974	1660.89999	-1.37600	-.19978	-.00156	.00000	.00180	1838.53000	89.70000	549.37000	-.01000
.400	8.006	1661.50000	.64100	-.18539	-.00157	.00000	.00144	1844.59000	89.60000	549.27000	-.01000
.401	10.007	1663.20000	2.62600	-.16949	-.00195	.00000	.00147	1849.97000	89.50000	549.17000	-.01000
.400	12.047	1664.70000	4.65000	-.15301	-.00108	.00000	.00106	1851.37000	89.30000	548.97000	.00000
.399	14.037	1666.30000	6.62200	-.13478	-.00170	.00000	.00165	1851.67999	89.30000	548.97000	.00000
.399	16.028	1666.70000	8.59400	-.11566	-.00167	.00000	.00161	1847.91000	89.30000	548.97000	.00000
	GRADIENT	-.36833	.99334	.00667	-.00005	.00000	-.00012	8.04001	-.03063	-.03063	-.00000

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.600	-1.874	1670.89999	-9.08600	-.34760	.01006	.00000	-.01321	1974.28000	110.50000	570.17000	.02000
.600	.028	1670.10001	-7.21700	-.31472	.01045	.00000	-.01296	2014.48000	110.70000	570.37000	.02000
.601	2.030	1669.10001	-5.25100	-.27893	.01145	.00000	-.01328	2048.89001	109.90000	569.57000	.02000
.601	4.126	1669.20000	-3.19100	-.24330	.01334	.00000	-.01442	2075.64999	109.90000	569.57000	.02000
.602	6.079	1670.20000	-1.27500	-.20563	.01223	.00000	-.01261	2097.48001	109.90000	569.57000	.02000
.602	8.055	1669.50000	.66200	-.16738	.01319	.00000	-.01283	2110.14001	109.90000	569.57000	.02000
.601	10.054	1671.00000	2.61900	-.12534	.01294	.00000	-.01137	2116.78000	110.00000	569.67000	.03000
.601	12.077	1671.10001	4.59800	-.08047	.01273	.00000	-.01004	2118.79001	109.90000	569.57000	.03000
.600	14.076	1672.60001	6.55100	-.03518	.01168	.00000	-.00677	2117.22000	109.90000	569.57000	.04000
.600	16.039	1672.00000	8.46900	.00979	.01084	.00000	-.00306	2109.25000	109.80000	569.47000	.05000
	GRADIENT	-.30270	.98257	.01743	.00055	.00000	-.00020	16.88587	-.13045	-.13045	-.00000

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.700	-2.035	1529.60001	-9.24000	-.35487	.02327	.00000	-.00720	1927.67999	108.90000	568.57000	-.10000
.699	.139	1539.80000	-7.10700	-.31447	.02512	.00000	-.01399	1994.66000	110.00000	569.67000	-.09000
.700	2.072	1539.30000	-5.21600	-.27232	.02452	.00000	-.00632	2035.35001	110.10000	569.77000	-.20000
.701	4.008	1539.80000	-3.32600	-.22633	.02739	.00000	.00285	2067.79999	110.20000	569.87000	-.52000
.701	6.043	1538.30000	-1.33800	-.17893	.02571	.00000	-.00199	2090.54001	110.30000	569.97000	-1.01000
.701	8.045	1538.89999	.61600	-.12975	.04112	.00000	-.00794	2107.60999	110.60000	570.27000	3.05000
.701	10.045	1540.60001	2.56500	-.07959	.02748	.00000	.01232	2118.56000	110.50000	570.17000	.88000
.699	12.024	1540.39999	4.49000	-.02619	.02853	.00000	.00419	2116.57999	110.60000	570.27000	.41000
.699	14.070	1542.39999	6.47800	.03204	.02765	.00000	.01943	2116.39001	110.80000	570.47000	.41000
.698	16.050	1542.50000	8.40300	.08777	.02304	.00000	.03777	2107.89001	110.60000	570.27000	.41000
	GRADIENT	1.53479	.97869	.02129	.00058	.00000	.00183	23.07543	.20277	.20277	-.06732

OA232 AEDC 16T TF43! LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.800	-3.954	1405.89999	-11.05600	-.39810	.01157	.00000	-.00962	1866.24001	110.50000	570.17000	-.01000
.800	-1.973	1406.00000	-9.12100	-.35224	.00938	.00000	-.00779	1928.77000	110.10000	569.77000	-.01000
.800	-.059	1403.00000	-7.25200	-.30724	.01074	.00000	-.00948	1977.80000	109.80000	569.47000	-.01000
.800	1.946	1401.50000	-5.30700	-.24707	.01567	.00000	-.01566	2022.25000	109.40000	569.07000	.00000
.800	3.976	1404.30000	-3.33000	-.19377	.01841	.00000	-.01837	2062.75000	109.60000	569.27000	.00000
.799	6.001	1403.80000	-1.36100	-.13818	.01875	.00000	-.01864	2087.97000	109.40000	569.07000	.00000
.800	7.989	1403.10001	.57200	-.08317	.01769	.00000	-.01752	2105.14001	109.50000	569.17000	.00000
.800	9.976	1404.60001	2.50200	-.02565	.01604	.00000	-.01579	2115.28000	109.40000	569.07000	.00000
.800	12.010	1403.80000	4.46800	.04230	.01525	.00000	-.01492	2117.00000	109.30000	568.97000	.00000
.800	14.004	1403.30000	6.39100	.11269	.01252	.00000	-.01215	2112.92001	109.50000	569.17000	.00000
.800	15.992	1402.60001	8.30700	.18535	.01066	.00000	-.00880	2102.70001	109.30000	568.97000	.01000
	GRADIENT	-.38496	.97401	.02599	.00101	.00000	-.00129	24.57920	-.12595	-.12595	.00152

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.850	-4.019	1338.89999	-11.06800	-.45090	.00729	.00000	-.01879	1865.16000	110.50000	570.17000	.06000
.849	-2.012	1339.10001	-9.11700	-.39500	.00632	.00000	-.01582	1923.39000	110.50000	570.17000	.06000
.850	-.045	1334.70000	-7.20500	-.33991	.00850	.00000	-.01603	1973.28999	110.30000	569.97000	.06000
.850	1.982	1336.00000	-5.24200	-.27620	.01180	.00000	-.01818	2022.53999	110.40000	570.07000	.07000
.850	3.930	1338.00000	-3.34900	-.22102	.00992	.00000	-.01340	2063.12000	110.20000	569.87000	.06000
.850	5.964	1336.60001	-1.37700	-.15928	.00985	.00000	-.01148	2088.87000	110.10000	569.77000	.07000
.850	7.991	1335.50000	.59100	-.09983	.01007	.00000	-.00925	2104.89999	110.20000	569.87000	.07000
.850	9.991	1335.39999	2.52400	-.03264	.01011	.00000	-.00643	2114.79999	110.10000	569.77000	.08000
.850	12.013	1339.80000	4.46500	.04747	.01028	.00000	-.00304	2122.92999	110.00000	569.67000	.09000
.849	14.018	1337.70000	6.39300	.12453	.00903	.00000	.00126	2116.14999	110.40000	570.07000	.09000
.850	16.010	1334.89999	8.30500	.20463	.00746	.00000	.00727	2102.95001	110.20000	569.87000	.10000
	GRADIENT	-.24651	.97092	.02909	.00054	.00000	.00042	24.89302	-.03508	-.03508	.00051

0A232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.899	-1.933	1287.80000	-9.06400	-.36874	.00024	.00000	.02339	1946.70000	110.60000	570.27000	-.15000
.900	-.054	1284.00000	-7.24900	-.30469	.00583	.00000	-.01592	1993.78000	110.80000	570.47000	.08000
.900	1.933	1283.30000	-5.33200	-.23438	.00279	.00000	.01022	2040.87000	111.00000	570.67000	-.14000
.900	3.933	1283.20000	-3.41500	-.15206	.00150	.00000	-.00626	2080.82999	111.00000	570.67000	.08000
.900	5.933	1283.39999	-1.49200	-.07432	-.00085	.00000	.00423	2110.13000	111.00000	570.67000	-.13000
.899	7.938	1284.30000	.43300	.00505	-.00059	.00000	.00119	2128.98001	110.80000	570.47000	.08000
.900	9.976	1283.39999	2.38100	.09463	-.00305	.00000	.00633	2140.01999	110.80000	570.47000	.08000
.900	11.997	1283.70000	4.30800	.18937	.00092	.00000	-.01142	2143.63000	110.70000	570.37000	-.14000
.900	14.015	1284.80000	6.22500	.28957	.00226	.00000	.01082	2143.14001	111.00000	570.67000	.12000
.900	15.994	1283.89999	8.10300	.39101	.00619	.00000	-.00313	2132.59000	110.50000	570.17000	.02000
.900	18.001	1284.10001	10.00200	.49935	-.00584	.00000	.00208	2114.26999	110.60000	570.27000	-.02000
	GRADIENT	-.73379	.96317	.03680	.00002	.00000	-.00314	22.93598	.07120	.07120	.02376

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.950	-3.991	1202.39999	-11.02800	-.46266	.00793	.00000	-.00791	1858.84000	109.90000	569.57000	.00000
.950	-2.011	1202.80000	-9.17200	-.33928	.01841	.00000	-.02000	1916.24001	109.90000	569.57000	.01000
.950	.026	1202.20000	-7.23200	-.24238	.00254	.00000	-.00379	1973.53999	109.90000	569.57000	.01000
.951	1.927	1201.80000	-5.40600	-.16692	.00199	.00000	-.00199	2019.73000	109.90000	569.57000	.00000
.950	3.960	1202.50000	-3.45500	-.08485	-.00367	.00000	.00426	2060.03000	109.90000	569.57000	-.01000
.950	5.989	1202.60001	-1.51200	.00093	-.00222	.00000	.00247	2088.79001	109.90000	569.57000	-.01000
.950	7.985	1202.89999	.39500	.08963	-.00219	.00000	.00217	2106.29999	109.90000	569.57000	.00000
.949	9.968	1202.80000	2.29000	.17791	-.00624	.00000	.00615	2115.54999	110.10000	569.77000	.00000
.950	12.032	1202.39999	4.23500	.29670	.00835	.00000	-.00595	2118.79001	109.90000	569.57000	.03000
.950	14.000	1201.70000	6.10000	.39990	.02028	.00000	-.01542	2114.85999	109.70000	569.37000	.04000
.950	15.959	1202.20000	7.98300	.47652	.03819	.00000	-.04366	2106.32999	109.90000	569.57000	-.05000
.950	18.010	1197.80000	9.93500	.57537	.01567	.00000	-.01835	2079.76999	110.00000	569.67000	-.02000
	GRADIENT	-.04001	.95322	.04678	-.00200	.00000	.00214	25.49919	.00000	.00000	-.00151

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.978	-1.951	1171.80000	-9.07200	-.37934	.00629	.00000	.00949	1926.85001	110.50000	570.17000	-.10000
.979	.004	1169.10001	-7.20400	-.29203	.01951	.00000	-.00822	1977.91000	110.60000	570.27000	-.09000
.980	1.929	1169.10001	-5.38300	-.18752	-.00807	.00000	.01838	2026.49001	110.50000	570.17000	-.11000
.980	3.952	1171.70000	-3.44400	-.10420	-.00703	.00000	-.00140	2069.39999	110.50000	570.17000	.14000
.980	5.970	1171.20000	-1.51400	-.01642	-.00194	.00000	-.00177	2098.00000	110.40000	570.07000	.14000
.979	7.957	1170.50000	.38500	.07256	.00827	.00000	-.00940	2115.54999	110.50000	570.17000	-.18000
.977	9.994	1172.10001	2.33000	.16357	.03205	.00000	-.02465	2125.87000	110.40000	570.07000	.17000
.980	12.005	1169.20000	4.23200	.27317	-.01164	.00000	.03057	2129.19000	110.80000	570.47000	.26000
.977	13.977	1174.20000	6.10900	.36842	.04357	.00000	-.04122	2131.87000	110.80000	570.47000	.01000
.978	16.022	1172.80000	8.04100	.48107	.03341	.00000	.00146	2121.60001	111.30000	570.97000	.24000
.978	18.021	1176.00000	9.92900	.59174	.04025	.00000	-.03828	2110.10001	112.00000	571.67000	.00000
	GRADIENT	-.01069	.95265	.04734	-.00343	.00000	-.00034	24.24330	-.00508	-.00508	.03595

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.050	-4.011	962.00000	-11.02300	-.48829	.01375	.00000	-.02137	1677.61000	109.90000	569.57000	.04000
1.050	-2.006	961.80000	-9.11500	-.39122	.01362	.00000	-.01995	1721.80000	109.90000	569.57000	.04000
1.050	-.055	962.30000	-7.25400	-.30127	.02726	.00000	-.03610	1768.64999	110.40000	570.07000	.07000
1.050	1.946	961.40000	-5.34200	-.21195	.03259	.00000	-.03909	1810.85001	110.40000	570.07000	.07000
1.050	3.967	962.10000	-3.41600	-.11665	.00776	.00000	-.01072	1847.31000	110.50000	570.17000	.05000
1.050	5.950	963.30000	-1.52000	-.02951	.00744	.00000	-.00846	1875.17000	110.60000	570.27000	.04000
1.050	8.010	962.50000	.44800	.06209	.02450	.00000	-.02364	1889.87000	110.50000	570.17000	.08000
1.050	9.991	961.80000	2.33200	.15940	.01227	.00000	-.00923	1897.86000	110.50000	570.17000	.07000
1.050	11.987	962.20000	4.22500	.26256	.03734	.00000	-.03063	1900.64000	110.50000	570.17000	.08000
1.050	14.029	963.00000	6.15700	.37228	.03517	.00000	-.02983	1900.37000	110.80000	570.47000	.04000
1.049	15.995	964.20000	8.01500	.47972	.03503	.00000	-.03507	1892.83000	110.70000	570.37000	-.01000
1.050	17.990	963.20000	9.89700	.59319	.02616	.00000	-.02488	1876.67000	110.60000	570.27000	.00000
	GRADIENT	-.01006	.95367	.04634	.00033	.00000	.00013	21.51435	.08519	.08519	.00249

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.101	-1.969	906.20000	-9.08700	-.43217	.00389	.00000	-.00704	1722.33000	109.30000	568.97000	.02000
1.099	.055	905.70000	-7.11100	-.33402	.00210	.00000	-.00458	1766.53000	109.90000	569.57000	.02000
1.099	2.012	908.50000	-5.24400	-.24368	.00212	.00000	-.00394	1811.08000	109.70000	569.37000	.02000
1.101	4.037	906.10000	-3.36100	-.15212	.00135	.00000	-.00134	1845.71001	109.60000	569.27000	.00000
1.098	6.006	909.00000	-1.43400	-.06028	.00081	.00000	-.00105	1869.66000	109.90000	569.57000	.01000
1.101	8.047	910.30000	.46000	.03667	.00069	.00000	-.00060	1896.50999	109.90000	569.57000	.01000
1.098	10.017	921.20000	2.37800	.13904	.01691	.00000	-.01499	1923.24001	109.90000	569.57000	.04000
1.102	12.052	915.90000	4.25500	.24715	.01268	.00000	-.01017	1922.81000	109.70000	569.37000	.03000
1.099	14.010	919.00000	6.15000	.35972	-.00301	.00000	.00506	1922.28999	110.20000	569.87000	.02000
1.100	16.025	918.20000	8.00600	.46913	.00063	.00000	-.00478	1916.83000	110.00000	569.67000	-.03000
1.100	18.045	919.20000	9.91300	.58159	-.00020	.00000	-.00498	1903.95000	110.20000	569.87000	-.03000
	GRADIENT	.12229	.95342	.04658	-.00038	.00000	.00089	20.75563	.03534	.03534	-.00301

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-3.934	853.10000	-10.99300	-.49056	.00354	.00000	-.00735	1675.39000	109.20000	568.87000	.02000
1.150	-1.988	856.00000	-9.13500	-.40274	.00459	.00000	-.00776	1732.17000	109.30000	568.97000	.02000
1.148	.000	848.70000	-7.24200	-.30792	.00647	.00000	-.00647	1762.78000	108.80000	568.47000	.00000
1.150	1.998	851.10000	-5.33000	-.22200	.00619	.00000	-.00805	1811.75999	108.50000	568.17000	.02000
1.150	4.013	854.30000	-3.40500	-.13154	.00675	.00000	-.00733	1851.91000	109.30000	568.97000	.01000
1.150	6.026	847.70000	-1.48300	-.04098	.00758	.00000	-.00805	1859.23000	109.90000	569.57000	.02000
1.149	8.010	850.50000	.40600	.05363	.01041	.00000	-.01002	1879.17000	110.00000	569.67000	.04000
1.149	10.080	852.80000	2.37300	.15731	.02028	.00000	-.01790	1892.28000	110.20000	569.87000	.05000
1.150	12.022	855.3[illegible]00	4.20900	.26316	.02053	.00000	-.01641	1901.20000	110.60000	570.27000	.05000
1.146	14.094	854.30000	6.16700	.37687	.00444	.00000	-.00001	1891.14999	110.60000	570.27000	.04000
1.147	16.036	856.10000	7.99300	.49295	.00976	.00000	-.00800	1889.66000	110.80000	570.47000	.01000
1.149	18.044	855.40000	9.88500	.60909	.00935	.00000	-.00889	1878.69000	112.10000	571.77000	.00000
	GRADIENT	-.12406	.95479	.04521	.00040	.00000	-.00001	21.75535	-.02985	-.02985	-.00100

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.199	-1.874	804.40000	-9.00400	-.42027	-.00219	.00000	.00219	1734.20000	110.10000	569.77000	.00000
1.200	.013	805.50000	-7.15600	-.33066	-.00093	.00000	.00093	1780.70000	110.20000	569.87000	.00000
1.199	2.024	805.60000	-5.28200	-.24425	-.00468	.00000	.00468	1815.34000	110.20000	569.87000	.00000
1.198	4.065	806.70000	-3.33300	-.15157	-.00276	.00000	.00276	1847.20000	110.40000	570.07000	.00000
1.200	5.985	804.30000	-1.45200	-.06256	-.00269	.00000	.00268	1871.19000	110.50000	570.17000	.00000
1.198	8.062	809.90000	.47600	.03572	-.00083	.00000	.00082	1893.78000	110.20000	569.87000	.00000
1.198	10.072	808.00000	2.39000	.13191	-.01545	.00000	.00437	1900.17999	110.20000	569.87000	-.26000
1.198	12.020	807.60000	4.23500	.23475	-.01677	.00000	.01197	1900.00000	110.20000	569.87000	-.06000
1.201	13.911	804.20000	6.06500	.34605	-.00749	.00000	.00199	1899.12000	110.10000	569.77000	-.05000
1.199	16.059	805.20000	8.04100	.46802	-.00502	.00000	.00623	1892.44000	110.40000	570.07000	.01000
1.200	18.069	806.30000	9.93400	.58484	-.00548	.00000	.00521	1885.37000	110.40000	570.07000	.00000
	GRADIENT	.35243	.95235	.04500	-.00028	.00000	.00028	18.80577	.04550	.04550	.00000

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.301	-2.099	649.90000	-9.15100	-.44841	.00016	.00000	-.00016	1589.22000	109.20000	568.87000	.00000
1.299	-.054	652.60000	-7.19300	-.36070	-.00145	.00000	.00145	1633.23000	109.40000	569.07000	.00000
1.300	1.992	652.30000	-5.23600	-.27244	.00079	.00000	-.00170	1665.77000	109.30000	568.97000	.01000
1.301	3.918	651.80000	-3.39400	-.18841	-.00028	.00000	.00028	1688.35001	109.30000	568.97000	.00000
1.299	6.013	653.40000	-1.38900	-.09809	-.00230	.00000	.00204	1709.37000	109.40000	569.07000	.01000
1.300	7.959	653.20000	.47200	-.01272	-.00021	.00000	.00037	1726.34000	109.30000	568.97000	.02000
1.301	9.958	652.40000	2.37600	.08212	-.00840	.00000	.00869	1733.49001	109.10000	568.77000	.01000
1.299	12.010	652.70000	4.32700	.18311	-.00907	.00000	.01038	1736.63000	109.20000	568.87000	.02000
1.299	14.013	651.10000	6.22100	.29232	-.00493	.00000	.00911	1729.16000	109.00000	568.67000	.04000
1.300	15.979	652.00000	8.07500	.40393	-.00395	.00000	.00379	1729.12000	109.30000	568.97000	.00000
1.298	18.014	653.80000	9.99600	.51763	-.00601	.00000	.00571	1719.34000	109.20000	568.87000	.00000
	GRADIENT	.27257	.95680	.04320	.00005	.00000	-.00009	16.44533	.01013	.01013	.00052

0A232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.401	-1.978	561.20000	-8.99200	-.45737	-.00301	.00000	.00301	1552.95000	110.70000	570.37000	.00000
1.401	.046	559.80000	-7.05500	-.37031	.00390	.00000	-.00267	1577.84000	110.70000	570.37000	-.01000
1.399	1.976	563.00000	-5.20700	-.28806	.00212	.00000	-.00121	1611.27000	110.90000	570.57000	-.01000
1.398	3.877	561.90000	-3.38800	-.20568	.00074	.00000	-.00074	1632.82001	110.90000	570.57000	.00000
1.400	5.875	562.10000	-1.47500	-.12083	.00341	.00000	-.00340	1660.88000	110.70000	570.37000	.00000
1.399	7.959	561.10000	.51600	-.02765	.00044	.00000	-.00044	1670.75999	110.90000	570.57000	.00000
1.401	9.928	559.20000	2.39300	.06356	.00114	.00000	-.00113	1666.64000	110.70000	570.37000	.00000
1.399	11.970	562.00000	4.33100	.16821	-.00588	.00000	.00575	1682.00999	110.60000	570.27000	.00000
1.400	13.987	561.50000	6.23700	.27891	-.00092	.00000	.00307	1683.67999	110.80000	570.47000	.02000
1.401	15.964	559.30000	8.10600	.38747	-.00207	.00000	.00199	1677.39000	110.90000	570.57000	.00000
1.398	17.979	562.50000	10.00400	.50389	-.00683	.00000	.00302	1671.42999	110.90000	570.57000	-.02000
	GRADIENT	.26977	.95706	.04294	.00050	.00000	-.00051	14.00300	.04095	.04095	-.00003

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.550	-3.908	416.50000	-10.94800	-.53952	-.00250	.00000	.00059	1332.13000	110.20000	569.87000	.01000
1.550	-1.938	415.40000	-9.06200	-.45635	-.00117	.00000	-.00671	1365.69000	109.90000	569.57000	.05000
1.549	.101	415.80000	-7.10400	-.37475	.00048	.00000	-.00419	1398.77000	110.00000	569.67000	.03000
1.549	2.006	416.30000	-5.27500	-.29887	.00074	.00000	-.00442	1425.72000	110.20000	569.87000	.04000
1.551	4.041	415.60000	-3.31900	-.21971	.00012	.00000	-.00186	1446.20000	110.20000	569.87000	.03000
1.550	6.042	415.80000	-1.39800	-.13955	-.00060	.00000	-.00038	1461.13000	110.20000	569.87000	.04000
1.550	8.071	415.10000	.55000	-.05839	-.00160	.00000	.00207	1470.17000	110.30000	569.97000	.05000
1.550	10.068	415.90000	2.45900	.02931	-.00709	.00000	.00870	1480.53000	110.00000	569.67000	.04000
1.550	12.078	416.20000	4.37700	.12149	-.00899	.00000	.01185	1485.67999	110.30000	569.97000	.04000
1.549	14.111	415.80000	6.30700	.22442	-.00400	.00000	.00937	1485.03000	110.20000	569.87000	.05000
1.550	16.076	415.50000	8.17300	.32330	-.00409	.00000	.00820	1484.34000	110.40000	570.07000	.03000
	GRADIENT	-.04575	.95983	.04017	.00036	.00000	-.00013	14.52208	.01502	.01502	.00149

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.199	-1.834	3578.10001	-9.44300	-.24333	-.05544	.00000	1.88641	3643.07001	84.00000	543.67000	-11.23000
.201	.185	3578.60001	-7.49600	-.23299	-.07199	.00000	1.99180	3654.89001	83.90000	543.57000	-14.88000
.201	2.159	3578.79999	-5.61400	-.21892	-.09406	.00000	2.02610	3662.97000	83.90000	543.57000	-20.16000
.200	4.155	3579.20001	-3.77100	-.19528	-.13234	.00000	2.01477	3668.79001	83.90000	543.57000	-29.97000
.200	6.093	3579.20001	-2.28100	-.12274	-.21248	.00000	2.07916	3673.35999	83.80000	543.47000	-54.98000
.200	7.827	3577.89999	-1.81100	.06131	-.25225	.00000	2.01192	3674.53000	83.70000	543.37000	-103.34000
.200	9.847	3573.10001	-2.95400	.19698	-.15836	.00000	1.91294	3670.39001	83.70000	543.37000	-143.49000
.200	11.799	3579.10001	-4.69400	.23019	-.11136	.00000	2.00438	3676.41000	83.70000	543.37000	-156.16000
.200	13.699	3579.39999	-6.45600	.24795	-.08345	.00000	1.97135	3676.35999	83.70000	543.37000	-162.94000
.200	15.718	3575.39999	-8.39800	.26073	-.06605	.00000	1.98609	3669.38000	83.60000	543.27000	-166.72000
.199	GRADIENT	.17562	.94765	.00793	-.01267	.00000	.02107	4.27616	-.01509	-.01509	-3.08258

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.252	-2.013	2284.39999	-9.45400	-.22488	-.05308	.00000	1.87488	2349.48999	87.40000	547.07000	-11.16000
.252	.002	2285.39999	-7.52100	-.21438	-.07032	.00000	1.99903	2361.01001	87.30000	546.97000	-14.90000
.252	1.995	2285.70001	-5.62800	-.20118	-.09214	.00000	2.02345	2369.76001	87.20000	546.87000	-20.10000
.252	3.987	2286.60001	-3.82000	-.17748	-.13092	.00000	2.03665	2376.89001	87.00000	546.67000	-29.95000
.251	6.020	2287.60001	-2.29400	-.10719	-.21018	.00000	2.07595	2382.04001	86.90000	546.57000	-54.48000
.250	7.934	2289.50000	-1.81400	.07812	-.25133	.00000	2.01737	2386.67001	86.70000	546.37000	-102.86000
.250	9.843	2288.50000	-2.92900	.21674	-.15742	.00000	1.90208	2386.20999	87.10000	546.77000	-143.37000
.251	11.909	2285.00000	-4.55900	.24956	-.10816	.00000	1.92940	2281.45999	87.30000	546.97000	-156.40000
.251	13.898	2287.39999	-6.42900	.26666	-.08128	.00000	1.97208	2385.51001	87.50000	547.17000	-162.84000
.252	15.921	2290.60001	-8.37300	.28009	-.06466	.00000	1.98048	2386.60999	87.70000	547.37000	-166.71000
	GRADIENT	.34524	.94016	.00777	-.01277	.00000	.02553	4.55063	-.06500	-.06500	-3.07818

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.400	-1.936	1664.20000	-9.41100	-.25200	-.06496	.00000	1.97794	1792.49001	90.60000	550.27000	-11.78000
.401	.022	1662.89999	-7.51500	-.23743	-.07761	.00000	1.99214	1809.27000	90.50000	550.17000	-14.80000
.401	2.016	1662.60001	-5.61100	-.21821	-.09880	.00000	1.98289	1823.81000	90.40000	550.07000	-19.65000
.401	4.002	1662.30000	-3.80000	-.18931	-.13717	.00000	1.99776	1835.05000	90.40000	550.07000	-29.34000
.402	5.965	1662.30000	-2.29500	-.11704	-.21459	.00000	2.04321	1843.00999	90.40000	550.07000	-52.88000
.400	7.900	1662.89999	-1.80000	.08040	-.25984	.00000	2.01060	1847.94000	90.40000	550.07000	-103.08000
.399	9.957	1663.30000	-2.91600	.22208	-.16772	.00000	1.92889	1849.34000	90.30000	549.97000	-142.77000
.399	11.830	1663.30000	-4.52300	.26498	-.11707	.00000	1.93243	1848.94000	90.20000	549.87000	-156.28000
.398	13.838	1664.60001	-6.39300	.29004	-.08831	.00000	1.94278	1847.63000	90.20000	549.87000	-163.08000
.398	15.862	1664.50000	-8.33400	.31154	-.07199	.00000	1.96595	1843.71001	90.20000	549.87000	-166.80000
	GRADIENT	-.30246	.94600	.01047	-.01202	.00000	.00253	7.17872	-.03532	-.03532	-2.90668

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.600	-1.926	1672.80000	-9.36900	-.31861	-.07935	.00000	1.99980	1990.00999	109.90000	569.57000	-11.88000
.600	.080	1671.00000	-7.44900	-.28444	-.09392	.00000	2.00301	2028.64999	109.80000	569.47000	-14.89000
.601	2.085	1670.70000	-5.56900	-.24589	-.11536	.00000	2.01552	2059.98001	109.90000	569.57000	-19.98000
.601	4.085	1670.89999	-3.78300	-.19547	-.15353	.00000	2.02644	2085.73999	109.80000	569.47000	-29.70000
.601	7.998	1670.50000	-1.77400	.11110	-.27715	.00000	2.00962	2112.64001	109.90000	569.57000	-102.01000
.601	10.061	1670.50000	-2.88300	.28450	-.18283	.00000	1.91175	2116.53000	109.60000	569.27000	-143.07000
.601	11.884	1671.20000	-4.45700	.34828	-.13207	.00000	1.93057	2117.23999	109.90000	569.57000	-156.14000
.601	13.886	1671.30000	-6.31700	.39851	-.10442	.00000	1.97114	2115.28000	109.90000	569.57000	-162.75000
.600	15.897	1672.39999	-8.22800	.44359	-.08891	.00000	2.00004	2107.10999	110.00000	569.67000	-166.50000
.598	17.853	1674.10001	-10.10000	.48604	-.07778	.00000	1.98642	2091.51999	109.90000	569.57000	-169.03000
	GRADIENT	-.29958	.93023	.02036	-.01218	.00000	.00461	15.89815	-.00998	-.00998	-2.92169

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.698	-1.959	1541.89999	-9.37300	-.34293	-.08551	.00000	2.01314	1961.92000	110.70000	570.37000	-11.92000
.700	.082	1542.30000	-7.41600	-.30511	-.10193	.00000	1.99761	2013.77000	110.70000	570.37000	-14.85000
.700	2.041	1540.20000	-5.59100	-.25785	-.12346	.00000	2.02835	2048.50000	110.90000	570.57000	-19.95000
.701	4.095	1540.20000	-3.75800	-.19472	-.15921	.00000	2.02486	2079.64001	110.90000	570.57000	-29.79000
.701	6.090	1538.50000	-2.29000	-.08791	-.23570	.00000	2.07789	2098.64001	110.80000	570.47000	-53.62000
.702	7.969	1539.10001	-1.78700	.13069	-.28298	.00000	2.03295	2112.39999	110.80000	570.47000	-101.24000
.702	10.040	1541.70000	-2.85400	.31542	-.18996	.00000	1.91606	2121.67999	110.90000	570.57000	-142.70000
.700	11.880	1540.39999	-4.42400	.38990	-.13740	.00000	1.93093	2117.57999	110.80000	570.47000	-156.02000
.700	13.862	1541.50000	-6.24900	.44765	-.11223	.00000	1.95659	2116.54001	110.80000	570.47000	-162.77000
.700	15.860	1541.80000	-8.13400	.49965	-.09967	.00000	1.96663	2108.35999	110.80000	570.47000	-166.66000
.700	17.910	1541.60001	-10.09300	.55424	-.09151	.00000	1.98954	2087.95999	110.80000	570.47000	-169.08000
	GRADIENT	-.35587	.92786	.02445	-.01207	.00000	.00324	19.27894	.03958	.03958	-2.91988

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.800	-3.939	1404.89999	-11.18100	-.40860	-.08666	.00000	1.98167	1885.39000	109.60000	569.27000	-9.82000
.800	-2.045	1402.00000	-9.37500	-.35734	-.10124	.00000	2.02449	1937.74001	109.60000	569.27000	-11.89000
.800	.000	1404.00000	-7.42500	-.30578	-.11423	.00000	2.00720	1993.94000	109.90000	569.57000	-14.81000
.799	1.978	1405.50000	-5.58100	-.24755	-.13657	.00000	2.01060	2036.63000	109.90000	569.57000	-19.65000
.800	3.989	1403.30000	-3.80000	-.17491	-.17449	.00000	2.03788	2068.06000	109.80000	569.47000	-29.39000
.800	6.006	1404.70000	-2.29900	-.06147	-.25169	.00000	2.07890	2094.89999	109.80000	569.47000	-52.70000
.800	7.947	1404.60001	-1.80100	.16896	-.30459	.00000	2.07297	2108.95999	109.90000	569.57000	-100.41000
.800	10.017	1406.00000	-2.75400	.36824	-.21139	.00000	1.89341	2117.48999	109.60000	569.27000	-142.26000
.800	11.941	1407.00000	-4.37800	.45732	-.16234	.00000	1.93318	2120.03000	109.80000	569.47000	-156.07000
.800	13.904	1406.10001	-6.16300	.53167	-.13693	.00000	1.96344	2117.20001	109.90000	569.57000	-162.69000
.800	15.895	1405.60000	-8.02000	.59940	-.11857	.00000	1.95876	2106.82001	109.80000	569.47000	-166.66000
.798	17.981	1405.30000	-9.99700	.67092	-.10915	.00000	1.99179	2081.64999	109.60000	569.27000	-169.06000
.798	18.963	1407.89999	-10.93200	.70292	-.10543	.00000	2.00183	2071.75000	109.70000	569.37000	-169.92000
	GRADIENT	.01820	.93344	.02904	-.01062	.00000	.00492	23.34142	.03527	.03528	-2.36333

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.849	-3.974	1331.20000	-11.18800	-.43852	-.10259	.00000	2.01021	1871.56000	109.90000	569.57000	-9.88000
.850	-2.002	1339.50000	-9.29100	-.37899	-.11121	.00000	1.98891	1943.98000	110.20000	569.87000	-11.71000
.851	-.034	1334.39999	-7.42500	-.32216	-.12471	.00000	2.00768	1989.32001	110.10000	569.77000	-14.73000
.851	1.965	1337.60001	-5.56600	-.25583	-.14547	.00000	2.01812	2038.66000	110.30000	569.97000	-19.69000
.850	3.993	1337.30000	-3.78800	-.18086	-.18445	.00000	2.04078	2069.10999	110.10000	569.77000	-29.37000
.850	5.964	1336.00000	-2.28600	-.06203	-.26217	.00000	2.07777	2094.39001	110.20000	569.87000	-52.65000
.849	7.944	1337.20000	-1.79100	.17453	-.31321	.00000	2.07279	2109.04001	110.40000	570.07000	-100.21000
.849	10.033	1337.80000	-2.74700	.38238	-.21961	.00000	1.88809	2116.42001	110.40000	570.07000	-142.50000
.850	11.921	1335.70000	-4.35900	.47952	-.17180	.00000	1.93614	2115.95999	110.30000	569.97000	-156.05000
.850	13.923	1335.10001	-6.14900	.56269	-.14582	.00000	1.96382	2111.78000	110.20000	569.87000	-162.73000
.850	15.908	1335.20000	-7.98800	.64152	-.12764	.00000	1.95475	2101.92999	110.20000	569.87000	-166.70000
.849	17.942	1338.20000	-9.89900	.72809	-.11978	.00000	1.97835	2084.92001	110.20000	569.87000	-169.09000
	GRADIENT	.51647	.93081	.03210	-.00997	.00000	.00456	24.59202	.02496	.02496	-2.36456

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.900	-3.941	1266.70000	-11.13400	-.44740	-.11941	.00000	1.97792	1875.92000	109.60000	569.27000	-9.67000
.900	-2.084	1268.60001	-9.37300	-.38028	-.12735	.00000	1.99273	1934.30000	111.10000	570.77000	-11.53000
.900	-.046	1268.50000	-7.45000	-.30488	-.14086	.00000	2.01005	1987.22000	111.40000	571.07000	-14.57000
.900	1.976	1268.30000	-5.58900	-.22458	-.15893	.00000	2.01450	2032.28000	111.80000	571.47000	-19.42000
.900	3.982	1267.89999	-3.79500	-.13037	-.19975	.00000	2.00963	2065.72000	111.70000	571.37000	-28.51000
.899	5.913	1266.20000	-2.35800	-.00115	-.27785	.00000	2.09404	2086.25000	110.10000	569.77000	-50.44000
.900	7.882	1268.00000	-1.72100	.25999	-.33899	.00000	2.04129	2106.17001	109.90000	569.57000	-97.67000
.900	10.011	1268.39999	-2.65200	.49599	-.24379	.00000	1.90540	2115.22000	110.10000	569.77000	-141.09000
.900	11.896	1268.89999	-4.20500	.61326	-.19108	.00000	1.92944	2116.42999	110.20000	569.87000	-155.50000
.900	13.993	1268.39999	-6.06900	.72510	-.16728	.00000	1.98318	2114.51999	110.10000	569.77000	-162.51000
.900	15.923	1269.39999	-7.84100	.82483	-.14817	.00000	1.98476	2104.98999	110.20000	569.87000	-166.37000
.900	17.912	1268.80000	-9.68000	.92880	-.13579	.00000	1.98263	2084.94000	109.90000	569.57000	-168.91000
	GRADIENT	.10207	.92742	.03970	-.00969	.00000	.00426	23.96119	.24406	.24406	-2.29567

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.950	-4.053	1202.80000	-11.22800	-.47414	-.13639	.00000	2.00650	1875.17000	110.10000	569.77000	-9.65000
.949	-1.984	1201.20000	-9.29600	-.35844	-.16540	.00000	2.02824	1932.47000	110.20000	569.87000	-11.61000
.949	-.008	1200.39999	-7.45000	-.26241	-.17609	.00000	1.99250	1981.83000	109.80000	569.47000	-14.15000
.951	2.023	1201.70000	-5.61800	-.15372	-.19301	.00000	2.02024	2032.21001	110.00000	569.67000	-19.01000
.950	3.944	1203.39999	-3.89700	-.06561	-.22974	.00000	2.03476	2067.57001	110.00000	569.67000	-27.62000
.950	6.031	1201.60001	-2.32800	.07201	-.30759	.00000	2.06981	2092.84000	110.00000	569.67000	-49.27000
.950	7.948	1200.10001	-1.63000	.31856	-.37617	.00000	1.99491	2105.19000	110.20000	569.87000	-95.54000
.951	9.957	1199.50000	-2.56200	.55256	-.30198	.00000	1.99104	2113.73001	110.00000	569.67000	-138.61000
.950	11.951	1205.00000	-4.12700	.71704	-.21003	.00000	1.89599	2121.35001	110.20000	569.87000	-155.80000
.949	13.889	1201.10001	-5.89200	.79177	-.20917	.00000	1.97587	2111.89001	110.40000	570.07000	-162.46000
.950	15.961	1200.20000	-7.76900	.90658	-.19395	.00000	1.98433	2102.12000	110.50000	570.17000	-166.58000
.950	17.916	1202.89999	-9.59100	1.00308	-.15982	.00000	1.97717	2087.26999	110.30000	569.97000	-168.98000
	GRADIENT	.08161	.91709	.05111	-.01070	.00000	.00243	24.24546	-.01997	-.01997	-2.15991

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.976	-2.013	1172.89999	-9.29700	-.37845	-.14766	.00000	1.91402	1946.95000	107.90000	567.57000	-11.00000
.979	.038	1172.30000	-7.40200	-.27811	-.18761	.00000	2.00737	2003.81000	110.50000	570.17000	-14.27000
.979	1.975	1175.39999	-5.63000	-.18951	-.21454	.00000	2.04193	2050.69000	110.80000	570.47000	-18.97000
.979	3.999	1172.39999	-3.85700	-.06865	-.23899	.00000	2.02428	2081.25000	111.00000	570.67000	-27.60000
.981	6.014	1170.39999	-2.34100	.06794	-.31589	.00000	2.08391	2108.92001	111.10000	570.77000	-49.12000
.980	7.954	1169.30000	-1.65300	.31709	-.38321	.00000	2.02426	2120.64001	111.00000	570.67000	-95.72000
.980	9.914	1168.10001	-2.50400	.54429	-.30588	.00000	1.94674	2125.45001	109.50000	569.17000	-138.91000
.982	12.005	1163.30000	-4.20300	.67637	-.25098	.00000	1.95040	2123.01001	109.40000	569.07000	-155.93000
.980	13.912	1164.89999	-5.89700	.78558	-.22472	.00000	1.96500	2119.07999	109.30000	568.97000	-162.74000
.980	15.939	1165.50000	-7.74100	.90816	-.20939	.00000	1.97440	2111.22000	109.30000	568.97000	-166.72000
.979	17.970	1168.89999	-9.62500	1.01901	-.20042	.00000	1.99915	2095.85001	109.30000	568.97000	-169.12000
	GRADIENT	.07596	.90582	.05098	-.01508	.00000	.01833	22.52267	.48255	.48255	-2.72774

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.049	-4.003	963.70000	-11.15700	-.49168	-.12575	.00000	1.91546	1685.09000	110.40000	570.07000	-9.29000
1.050	-1.958	961.50000	-9.25500	-.38792	-.14158	.00000	1.97263	1737.20000	110.50000	570.17000	-11.46000
1.050	-.003	961.70000	-7.44300	-.29879	-.16667	.00000	2.02408	1782.30000	110.50000	570.17000	-14.49000
1.050	2.027	963.00000	-5.58300	-.20536	-.19215	.00000	2.02366	1823.57001	110.50000	570.17000	-19.18000
1.050	4.028	962.30000	-3.83200	-.09862	-.23238	.00000	2.03214	1854.55000	110.40000	570.07000	-28.04000
1.050	6.044	961.70000	-2.35000	.04663	-.30573	.00000	2.09769	1876.39000	110.50000	570.17000	-49.76000
1.050	8.002	962.00000	-1.65200	.30463	-.37072	.00000	2.00971	1992.64000	110.90000	570.57000	-96.12000
1.050	10.020	963.50000	-2.61200	.54812	-.29294	.00000	2.01891	1900.91000	110.50000	570.17000	-138.50000
1.050	11.946	962.40000	-4.12100	.67999	-.22592	.00000	1.91764	1899.52000	110.50000	570.17000	-155.67000
1.049	13.924	961.80000	-5.88900	.79276	-.19776	.00000	1.94333	1896.17999	110.40000	570.07000	-162.67000
1.050	15.950	961.80000	-7.75400	.90071	-.18525	.00000	1.98041	1868.28999	110.20000	569.87000	-166.52000
1.051	17.949	962.50000	-9.60400	1.01213	-.16797	.00000	1.98243	1875.00000	110.50000	570.17000	-169.01000
	GRADIENT	-.06546	.91399	.04832	-.01316	.00000	.01418	21.2,626	.00003	.00003	-2.25570

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.098	-1.979	920.50000	-9.23900	-.42158	-.14728	.00000	1.95945	1761.99001	109.60000	569.27000	-11.36000
1.101	.040	916.80000	-7.40400	-.32698	-.16525	.00000	2.00923	1806.87000	109.70000	569.37000	-14.46000
1.101	2.035	915.60000	-5.58500	-.22953	-.19291	.00000	2.04530	1841.87000	109.70000	569.37000	-19.40000
1.099	4.029	922.80000	-3.80800	-.12533	-.23223	.00000	2.03361	1880.63000	109.70000	569.37000	-28.26000
1.099	6.084	918.20000	-2.27600	.02315	-.30625	.00000	2.05423	1896.02000	109.80000	569.47000	-50.25000
1.097	7.996	921.60000	-1.63800	.27843	-.36950	.00000	1.99216	1899.88000	109.60000	569.27000	-96.87000
1.098	10.037	919.90000	-2.64800	.52055	-.29007	.00000	2.01939	1915.06000	109.70000	569.37000	-139.09000
1.102	11.854	915.90000	-4.12800	.65229	-.22314	.00000	1.91913	1914.14000	109.80000	569.47000	-155.65000
1.098	13.940	919.20000	-5.93200	.76763	-.19490	.00000	1.95229	1912.41000	109.90000	569.57000	-162.68000
1.101	15.878	916.90000	-7.75200	.89236	-.16999	.00000	1.96266	1910.58000	109.70000	569.37000	-166.54000
1.100	17.905	918.20000	-9.62500	1.01027	-.15299	.00000	1.98198	1897.03000	109.90000	569.57000	-168.95000
1.100	19.879	917.70000	-11.26200	1.12036	-.01127	.00000	.28790	1879.28999	109.50000	569.17000	-178.58000
	GRADIENT	.28181	.90470	.04926	-.01410	.00000	.01293	19.52870	.01502	.01502	-2.77758

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-3.944	852.30000	-11.14500	-.49248	-.13264	.00000	1.97576	1692.50000	110.80000	570.47000	-9.58000
1.149	-1.937	850.60000	-9.26400	-.39750	-.14093	.00000	1.98480	1738.27000	110.40000	570.07000	-11.53000
1.150	.036	852.80000	-7.42800	-.30647	-.15502	.00000	2.00244	1786.42999	110.50000	570.17000	-14.44000
1.150	2.026	855.90000	-5.60100	-.21143	-.17904	.00000	2.02013	1830.42000	110.50000	570.17000	-19.22000
1.150	4.020	849.80000	-3.85600	-.10592	-.21445	.00000	2.03442	1845.87000	110.50000	570.17000	-28.19000
1.149	6.066	853.60000	-2.30400	.04041	-.29311	.00000	2.06011	1875.91000	110.80000	570.47000	-50.15000
1.150	7.932	850.30000	-1.69300	.29384	-.35972	.00000	2.03946	1883.35001	110.80000	570.47000	-96.16000
1.149	9.882	852.10000	-2.54700	.53579	-.27847	.00000	1.96067	1891.42993	110.50000	570.17000	-138.53000
1.149	11.917	853.00000	-4.17200	.67602	-.21511	.00000	1.93065	1895.39999	110.80000	570.47000	-155.63000
1.148	13.894	856.50000	-5.92800	.79699	-.18497	.00000	1.96019	1898.73000	110.80000	570.47000	-162.49000
1.150	15.889	852.40000	-7.74500	.91354	-.16093	.00000	1.96281	1886.00999	111.30000	570.97000	-166.46000
1.150	17.908	854.60000	-9.60500	1.03633	-.14314	.00000	1.98356	1877.47000	111.80000	571.47000	-168.86000
	GRADIENT	.01408	.91712	.04823	-.01014	.00000	.00767	20.05354	-.02521	-.02521	-2.25802

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.197	-1.990	809.10000	-9.28300	-.42599	-.15771	.00000	1.99424	1756.13000	110.60000	570.27000	-11.46000
1.199	.070	806.90000	-7.36100	-.33029	-.17485	.00000	1.99825	1797.17999	110.50000	570.17000	-14.38000
1.198	2.066	807.10000	-5.53400	-.23305	-.19482	.00000	2.01029	1830.34000	110.60000	570.27000	-19.18000
1.198	4.019	807.30000	-3.82000	-.12837	-.23494	.00000	2.03670	1859.53000	110.70000	570.37000	-28.17000
1.198	6.032	806.90000	-2.30900	.02156	-.31460	.00000	2.08817	1879.48000	111.10000	570.77000	-50.26000
1.201	7.929	805.30000	-1.67700	.28059	-.36983	.00000	2.03168	1895.28000	111.10000	570.77000	-96.73000
1.197	10.006	808.80000	-2.62100	.52855	-.26986	.00000	1.89552	1899.92000	110.80000	570.47000	-141.54000
1.197	11.894	809.40000	-4.18100	.65114	-.21780	.00000	1.93301	1899.14999	110.90000	570.57000	-155.69000
1.202	13.907	804.20000	-5.92400	.76602	-.19108	.00000	1.95608	1900.28999	111.10000	570.77000	-162.58000
1.199	15.883	806.80000	-7.77200	.88643	-.16643	.00000	1.97832	1893.17000	110.70000	570.37000	-166.43000
1.198	17.907	808.60000	-9.62900	1.01272	-.14789	.00000	1.97788	1881.20000	110.20000	569.87000	-168.95000
	GRADIENT	-.26300	.90986	.04943	-.01254	.00000	.00693	17.16108	.01969	.01970	-2.73481

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	-1.965	652.20000	-9.20100	-.43796	-.14653	.00000	1.95759	1608.55000	110.00000	569.67000	-11.40000
1.298	.020	654.90000	-7.36000	-.34904	-.16398	.00000	2.00947	1650.08000	110.10000	569.77000	-14.56000
1.299	1.979	652.40000	-5.57000	-.26114	-.18908	.00000	2.04475	1675.84000	109.90000	569.57000	-19.49000
1.299	4.006	655.60000	-3.78000	-.15951	-.22408	.00000	2.02328	1707.96001	110.60000	570.27000	-28.45000
1.301	6.040	652.20000	-2.29000	-.00938	-.30694	.00000	2.08947	1718.02000	109.90000	569.57000	-51.19000
1.299	7.952	652.90000	-1.68500	.23859	-.35963	.00000	2.02503	1729.57001	109.90000	569.57000	-97.93000
1.299	9.998	655.00000	-2.68400	.47427	-.27562	.00000	2.02128	1737.87000	109.90000	569.57000	-139.30000
1.301	11.905	651.20000	-4.17500	.60028	-.20865	.00000	1.90901	1735.32001	109.90000	569.57000	-155.88000
1.301	13.902	653.50000	-5.96000	.71609	-.18076	.00000	1.94986	1738.17999	109.90000	569.57000	-162.65000
1.300	15.964	651.80000	-7.85100	.82934	-.16075	.00000	1.97792	1727.24001	109.60000	569.27000	-166.53000
1.299	17.930	655.50000	-9.66300	.94549	-.14774	.00000	1.98583	1723.14000	109.80000	569.47000	-168.94000
	GRADIENT	.39024	.90835	.04647	-.01298	.00000	.01164	16.30209	.08111	.08111	-2.82541

OA232 AEDC 16T TF431 LA .2P/S RA .2A (ZVR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.399	-3.951	561.90000	-11.03300	-.54576	-.14455	.00000	1.96368	1516.78000	110.50000	570.17000	-9.55000
1.399	-2.062	562.40000	-9.26900	-.45986	-.15437	.00000	2.01658	1556.49001	110.50000	570.17000	-11.64000
1.399	-.026	560.20000	-7.37400	-.36796	-.16158	.00000	2.00807	1586.53000	110.80000	570.47000	-14.54000
1.399	2.010	562.40000	-5.51400	-.27388	-.18342	.00000	2.01051	1620.20000	110.90000	570.57000	-19.38000
1.401	4.008	561.90000	-3.77600	-.17075	-.21929	.00000	2.02470	1644.92999	111.10000	570.77000	-28.59000
1.400	6.040	560.20000	-2.31100	-.03333	-.30233	.00000	2.10656	1661.21001	110.60000	570.27000	-51.40000
1.400	8.038	562.20000	-1.73700	.23033	-.35813	.00000	2.07206	1659.17999	110.90000	570.57000	-98.61000
1.400	10.115	560.60000	-2.66200	.46795	-.26139	.00000	1.89699	1678.32001	110.80000	570.47000	-141.97000
1.401	11.977	561.00000	-4.21300	.58427	-.20805	.00000	1.92122	1674.84000	110.70000	570.37000	-155.92000
1.399	13.972	562.00000	-6.00300	.69657	-.18096	.00000	1.95680	1669.45000	110.80000	570.47000	-162.71000
1.400	15.995	560.60000	-7.85100	.81446	-.16331	.00000	1.96311	1664.44000	110.60000	570.27000	-166.66000
1.399	18.010	561.20000	-9.71400	.93155	-.14724	.00000	1.97343	1665.30000	110.70000	570.37000	-169.07000
	GRADIENT	.00037	.91386	.04683	-.00895	.00000	.00574	15.99463	.08023	.08023	-2.29647

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.550	-3.884	415.50000	-11.09300	-.53313	-.13167	.00000	1.91502	1336.09000	110.20000	569.87000	-9.31000
1.550	-1.889	415.60000	-9.23300	-.44621	-.13978	.00000	1.99011	1368.85001	110.20000	569.87000	-11.61000
1.550	.100	415.60000	-7.38000	-.36482	-.15407	.00000	2.00579	1402.52000	109.90000	569.57000	-14.57000
1.550	2.143	415.60000	-5.51100	-.27867	-.17507	.00000	2.01023	1426.35001	109.80000	569.47000	-19.48000
1.550	4.161	415.60000	-3.75600	-.18540	-.21405	.00000	2.03117	1444.13000	109.90000	569.57000	-28.96000
1.550	6.194	416.40000	-2.29200	-.04520	-.29165	.00000	2.09448	1466.24001	109.80000	569.47000	-51.94000
1.550	8.107	415.00000	-1.76300	.21160	-.33995	.00000	2.07765	1470.00999	109.60000	569.27000	-99.06000
1.550	10.075	416.10000	-2.68500	.44026	-.23487	.00000	1.88320	1481.87000	109.90000	569.57000	-142.02000
1.549	11.895	415.50000	-4.23400	.54784	-.18144	.00000	1.90442	1478.03999	109.80000	569.47000	-155.91000
1.550	13.923	416.20000	-5.07400	.65563	-.15553	.00000	1.94603	1482.85001	110.10000	569.77000	-162.78000
1.549	15.882	416.50000	-7.89000	.75710	-.13659	.00000	1.98508	1480.84000	110.20000	569.87000	-166.37000
1.549	17.875	415.20000	-9.74700	.85831	-.12615	.00000	1.98451	1465.28999	110.10000	569.77000	-168.92000
	GRADIENT	.00931	.91422	.04289	-.00995	.00000	.01252	13.58907	-.04963	-.04963	-2.34686

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (ZVR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.700	-1.945	1540.80000	9.45300	.06540	.00431	.00000	-.21453	1941.63000	110.50000	570.17000	-178.72000
.701	.002	1539.50000	7.54400	.10443	.00375	.00000	-.17048	1993.00000	110.30000	569.97000	-178.73000
.702	2.035	1537.30000	5.55400	.14810	.00155	.00000	-.12446	2034.07001	110.50000	570.17000	-178.73000
.702	4.113	1534.30000	3.52100	.19284	.00319	.00000	-.08118	2064.34000	110.20000	569.87000	-178.73000
.703	6.181	1536.39999	1.49900	.23921	.00287	.00000	-.03607	2092.57001	110.30000	569.97000	-178.73000
	GRADIENT	-1.07636	-.97916	.02109	-.00027	.00000	.02207	20.21264	-.03470	-.03470	-.00147

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.200	-1.708	3574.89999	-9.16200	-.24603	.00046	.00000	-.00683	3637.76001	84.60000	544.27000	.04000
.200	.137	3582.50000	-7.32500	-.23828	.00053	.00000	-.00563	3655.13000	85.00000	544.67000	.04000
.200	2.134	3576.29999	-5.33600	-.22966	.00034	.00000	-.00406	3657.54999	85.00000	544.67000	.04000
.200	4.213	3576.00000	-3.26600	-.22146	.00044	.00000	-.00272	3664.78000	85.00000	544.67000	.04000
.200	6.138	3579.70001	-1.34900	-.21348	.00045	.00000	-.00139	3673.06000	84.70000	544.37000	.04000
.201	8.137	3580.20001	.64200	-.20534	-.00049	.00000	.00093	3677.78000	84.60000	544.27000	.04000
.201	10.165	3576.89999	2.66000	-.19545	-.00011	.00000	.00196	3676.29001	84.70000	544.37000	.04000
.202	12.171	3577.10001	4.65600	-.18452	.00006	.00000	.00319	3677.42001	84.80000	544.47000	.04000
.203	14.189	3576.60001	6.66200	-.17312	-.00035	.00000	.00498	3676.84000	84.80000	544.47000	.04000
.203	16.176	3571.10001	8.63700	-.16115	-.00038	.00000	.00637	3669.79999	84.60000	544.27000	.04000
	GRADIENT	-.17390	.99584	.00417	-.00001	.00000	.00070	4.18790	.05942	.05942	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.396	-1.917	1666.50000	-9.21000	-.25669	.00074	.00000	-.00074	1784.36000	90.70000	550.37000	.00000
.397	.032	1666.80000	-7.27300	-.24454	.00061	.00000	-.00061	1804.53000	90.70000	550.37000	.00000
.397	1.999	1666.50000	-5.32000	-.23095	.00058	.00000	-.00058	1820.46001	90.60000	550.27000	.00000
.397	4.009	1666.20000	-3.32300	-.21767	.00105	.00000	-.00163	1832.42999	90.60000	550.27000	.01000
.397	6.022	1665.80000	-1.32500	-.20338	.00129	.00000	-.00152	1841.32001	90.60000	550.27000	.01000
.398	8.027	1665.60001	.66400	-.18737	.00108	.00000	-.00095	1847.19000	90.50000	550.17000	.01000
.398	10.028	1665.00000	2.64900	-.17094	.00063	.00000	-.00062	1849.95000	90.60000	550.27000	.00000
.397	12.033	1665.39999	4.63600	-.15347	.00081	.00000	-.00079	1850.50000	90.50000	550.17000	.00000
.397	14.026	1665.50000	6.61100	-.13443	.00092	.00000	-.00089	1848.99001	90.40000	550.07000	.00000
.397	16.049	1665.89999	8.61400	-.11534	.00047	.00000	.00105	1845.91000	90.50000	550.17000	.01000
	GRADIENT	-.06120	.99338	.00662	.00005	.00000	-.00013	8.10373	-.02024	-.02025	.00153

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.598	-2.039	1679.30000	-9.27200	-.32659	.01092	.00000	-.01092	1979.03000	110.60000	570.27000	.00000
.600	.111	1673.10001	-7.14700	-.30211	.01405	.00000	-.01530	2020.41000	110.80000	570.47000	.01000
.600	2.039	1673.89999	-5.24900	-.27153	.01518	.00000	-.01700	2054.56000	109.80000	569.47000	.02000
.600	3.993	1672.80000	-3.33400	-.23326	.01741	.00000	-.01911	2078.57001	110.80000	570.47000	.03000
.600	6.000	1668.00000	-1.36400	-.19619	.01789	.00000	-.01851	2091.62000	110.80000	570.47000	.03000
.601	8.000	1674.80000	.59500	-.15540	.01908	.00000	-.01858	2114.34000	110.80000	570.47000	.03000
.600	10.064	1672.60001	2.61700	-.11293	.01704	.00000	-.01541	2117.06000	110.40000	570.07000	.03000
.599	12.040	1671.50000	4.55200	-.07197	.01460	.00000	-.01190	2116.76999	110.90000	570.57000	.03000
.599	14.029	1673.10001	6.49900	-.02981	.01206	.00000	-.00718	2115.91000	111.30000	570.97000	.04000
.599	16.077	1673.89999	8.50100	.01591	.01053	.00000	-.00420	2109.51001	111.20000	570.87000	.04000
	GRADIENT	-.95128	.98454	.01547	.00103	.00000	-.00132	16.65006	-.01996	-.01996	.00499

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.700	-2.042	1537.70000	-9.26300	-.33903	.00656	.00000	-.00817	1939.25000	109.60000	569.27000	.01000
.700	.148	1541.89999	-7.11300	-.29940	.00746	.00000	-.00394	1999.02000	110.20000	569.87000	.02000
.702	2.066	1536.60001	-5.23900	-.25452	.00923	.00000	-.01197	2034.77000	110.30000	569.97000	.03000
.701	3.979	1538.60001	-3.36800	-.21262	.00999	.00000	-.01173	2067.03000	109.90000	569.57000	.03000
.701	5.966	1539.10001	-1.42600	-.16801	.01038	.00000	-.01107	2090.85999	109.90000	569.57000	.03000
.700	8.031	1540.80000	.59000	-.11947	.01058	.00000	-.01017	2109.17001	109.90000	569.57000	.03000
.701	10.046	1539.89999	2.55500	-.06852	.01078	.00000	-.00883	2116.81000	109.90000	569.57000	.04000
.699	12.047	1544.39999	4.50200	-.01479	.00758	.00000	-.00427	2122.44000	110.10000	569.77000	.04000
.698	14.050	1539.80000	6.45100	.03881	.00686	.00000	-.00104	2111.54001	109.90000	569.57000	.05000
.696	16.054	1547.20000	8.39900	.09531	.00430	.00000	.00171	2110.85001	110.00000	569.67000	.04000
	GRADIENT	-.11122	.97882	.02119	.00060	.00000	-.00064	21.05737	.05345	.05345	.00353

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.798	-1.998	1406.20000	-9.14600	-.35236	.00513	.00000	-.01943	1921.09000	109.60000	569.27000	.09000
.800	.022	1403.39999	-7.17200	-.30587	.00457	.00000	-.01581	1975.23000	109.60000	569.27000	.09000
.800	1.984	1403.70000	-5.26300	-.25339	.00497	.00000	-.01322	2020.80000	109.90000	569.57000	.09000
.800	3.965	1403.00000	-3.33300	-.20189	.00625	.00000	-.01147	2056.54999	109.90000	569.57000	.09000
.800	5.997	1403.20000	-1.35600	-.14728	.00603	.00000	-.00812	2084.48001	109.80000	569.47000	.09000
.800	7.982	1403.50000	.57400	-.09252	.00652	.00000	-.00545	2102.50000	109.90000	569.57000	.10000
.800	10.011	1402.39999	2.54100	-.03046	.00605	.00000	-.00197	2111.57001	109.80000	569.47000	.09000
.800	11.995	1404.50000	4.46300	.03203	.00590	.00000	.00201	2117.56000	109.90000	569.57000	.10000
.799	13.998	1404.00000	6.39400	.10358	.00510	.00000	.00841	2113.67999	109.80000	569.47000	.12000
.799	16.024	1397.60001	8.34800	.17584	.00539	.00000	.01224	2095.92999	109.90000	569.57000	.12000
	GRADIENT	-.47031	.97463	.02538	.00019	.00000	.00133	22.77423	.06033	.06033	.00000

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.850	-1.977	1336.20000	-9.10600	-.37059	.00615	.00000	-.01089	1972.63000	109.60000	569.27000	.03000
.850	-.062	1337.50000	-7.24600	-.31645	.00682	.00000	-.01061	2022.13000	109.50000	569.17000	.03000
.849	1.935	1338.20000	-5.30700	-.25769	.00909	.00000	-.01186	2065.69000	109.80000	569.47000	.03000
.850	3.949	1338.20000	-3.35100	-.20026	.00761	.00000	-.00934	2102.07001	110.10000	569.77000	.03000
.850	5.957	1338.60001	-1.40200	-.14100	.00792	.00000	-.00837	2127.64999	110.20000	569.87000	.02000
.850	7.985	1338.39999	.56600	-.08068	.00883	.00000	-.00845	2144.37000	110.00000	569.67000	.03000
.850	10.024	1339.30000	2.53500	-.01106	.00871	.00000	-.00681	2154.59000	109.90000	569.57000	.04000
.850	11.988	1339.89999	4.42600	.06231	.00772	.00000	-.00447	2158.76999	109.90000	569.57000	.04000
.849	14.000	1339.20000	6.35700	.14340	.00747	.00000	-.00281	2153.91000	109.60000	569.27000	.04000
.850	16.025	1332.30000	8.30400	.22060	.00630	.00000	-.00027	2135.17001	109.40000	569.07000	.04000
	GRADIENT	.33716	.97119	.02881	.00033	.00000	.00017	21.82162	.09159	.09160	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.900	-1.980	1267.20000	-9.09300	-.38708	.00530	.00000	-.00530	1916.32001	110.50000	570.17000	.00000
.901	-.001	1268.39999	-7.18300	-.31810	.00751	.00000	-.00751	1972.53999	109.60000	569.27000	.00000
.900	1.973	1273.30000	-5.28000	-.24733	.00839	.00000	-.00931	2026.70000	109.20000	568.87000	.01000
.900	3.975	1268.60001	-3.36200	-.16284	.00478	.00000	-.00536	2056.60001	110.10000	569.77000	.01000
.900	5.969	1267.60001	-1.44400	-.08651	.00283	.00000	-.00307	2084.31000	110.20000	569.87000	.01000
.900	7.987	1268.60001	.49200	-.00533	.00067	.00000	-.00058	2104.85999	110.50000	570.17000	.01000
.900	9.981	1267.70000	2.40000	.08111	-.00071	.00000	.00112	2112.82999	110.50000	570.17000	.01000
.899	11.999	1267.89999	4.32600	.17315	.00268	.00000	-.00111	2116.39001	110.50000	570.17000	.02000
.900	13.996	1266.30000	6.22300	.27336	.00465	.00000	-.00126	2113.01999	110.60000	570.27000	.03000
.900	16.018	1269.30000	8.13900	.37938	.00701	.00000	-.00108	2109.26999	110.80000	570.47000	.04000
.900	18.047	1267.50000	10.06300	.48414	.00426	.00000	-.00580	2087.95001	110.50000	570.17000	-.01000
	GRADIENT	.45578	.96252	.03748	-.00004	.00000	-.00010	23.93213	-.08004	-.08004	.00201

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.949	-1.982	1201.60001	-9.13500	-.34742	.02454	.00000	-.02612	1910.61000	109.70000	569.37000	.01000
.948	-.011	1202.89999	-7.26700	-.24436	.00117	.00000	-.00243	1966.28000	109.80000	569.47000	.01000
.950	1.936	1202.39999	-5.39800	-.16598	.00173	.00000	-.00173	2015.53999	109.90000	569.57000	.00000
.949	3.980	1202.50000	-3.43400	-.08605	-.00482	.00000	.00601	2053.97000	109.60000	569.27000	-.02000
.950	5.987	1201.80000	-1.51100	-.00217	-.00324	.00000	.00375	2082.31000	109.80000	569.47000	-.02000
.950	7.949	1201.30000	.36600	.08293	-.00498	.00000	.00474	2100.79999	109.50000	569.17000	-.03000
.949	10.002	1202.20000	2.33300	.16940	-.00987	.00000	.00931	2113.23999	109.70000	569.37000	-.01000
.947	12.001	1204.50000	4.22000	.28077	.00583	.00000	-.00423	2117.82001	109.70000	569.37000	.02000
.951	14.039	1202.39999	6.15100	.38800	.02070	.00000	-.01687	2117.79001	110.40000	570.07000	.03000
.950	15.942	1204.39999	7.98000	.46203	.03711	.00000	-.04263	2111.64999	110.40000	570.07000	-.05000
.952	18.019	1198.89999	9.96000	.55930	.01681	.00000	-.02118	2087.51001	110.70000	570.37000	-.03000
	GRADIENT	.11053	.95654	.04347	-.00441	.00000	.00489	24.14741	-.01057	-.01057	-.00506

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.980	-2.081	1166.00000	-9.20700	-.37425	.01584	.00000	-.02063	1916.47000	111.10000	570.77000	.03000
.980	.046	1169.60001	-7.19300	-.26101	-.00514	.00000	.00264	1981.72000	109.60000	569.27000	.02000
.980	2.007	1169.10001	-5.31600	-.17671	-.00416	.00000	.00323	2027.95000	108.90000	568.57000	.01000
.980	3.910	1166.89999	-3.49300	-.09679	-.00542	.00000	.00541	2060.82001	108.60000	568.27000	.00000
.979	5.939	1169.50000	-1.55200	-.00927	-.00145	.00000	.00090	2094.22000	110.50000	570.17000	.02000
.980	7.962	1169.89999	.38200	.08028	-.00462	.00000	.00477	2114.88000	110.40000	570.07000	.03000
.980	9.950	1169.30000	2.28100	.16850	.03218	.00000	-.02971	2125.35001	110.50000	570.17000	.05000
.980	12.006	1168.20000	4.22300	.28302	.02441	.00000	-.02019	2126.81000	110.50000	570.17000	.05000
.980	13.993	1170.70000	6.11300	.37979	.04811	.00000	-.04562	2129.57001	110.60000	570.27000	.01000
.980	16.016	1169.60001	8.02100	.49461	.05292	.00000	-.05645	2119.94000	111.20000	570.87000	-.04000
.980	18.015	1174.00000	9.90900	.60564	.01040	.00000	-.01678	2110.20001	111.50000	571.17000	-.04000
	GRADIENT	.12729	.95395	.04605	-.00321	.00000	.00401	24.11839	-.41455	-.41454	-.00501

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.050	-1.963	960.00000	-9.06800	-.39456	.00621	.00000	-.01566	1715.05000	111.10000	570.77000	.06000
1.049	-.011	960.70000	-7.20800	-.30305	.02017	.00000	-.03021	1763.64000	111.30000	570.97000	.08000
1.049	1.940	959.20000	-5.34400	-.21606	.02513	.00000	-.03442	1802.16000	111.00000	570.67000	.10000
1.050	3.965	958.70000	-3.41400	-.12142	.00181	.00000	-.00538	1837.08000	111.00000	570.67000	.06000
1.049	5.981	960.00000	-1.48500	-.03439	.00069	.00000	.00009	1863.03000	110.80000	570.47000	-.03000
1.050	7.988	959.70000	.43100	.05674	.01598	.00000	-.01590	1881.95000	110.30000	569.97000	-.01000
1.050	10.014	960.40000	2.36000	.15391	.00429	.00000	-.00505	1893.72000	110.30000	569.97000	-.02000
1.049	12.002	960.90000	4.24600	.25616	-.01966	.00000	.01479	1897.45000	110.30000	569.97000	-.06000
1.049	13.994	960.50000	6.13000	.36407	-.02376	.00000	.01665	1894.67000	110.00000	569.67000	-.06000
1.049	16.017	960.30000	8.04500	.47221	.03093	.00000	-.04232	1885.98000	109.90000	569.57000	-.09000
1.050	17.994	958.70000	9.91000	.58374	.02123	.00000	-.03396	1870.05000	109.90000	569.57000	-.08000
	GRADIENT	-.27416	.95407	.04594	-.00046	.00000	.00139	20.49163	-.03044	-.03044	.00095

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.100	-1.895	918.90000	-9.04100	-.40404	.00487	.00000	.00142	1747.82001	110.50000	570.17000	-.04000
1.100	-.033	919.90000	-7.22100	-.31193	.00410	.00000	-.00159	1792.35001	110.60000	570.27000	-.02000
1.100	1.941	919.80000	-5.34100	-.21823	.00823	.00000	-.00636	1835.14999	110.40000	570.07000	-.02000
1.101	4.017	919.60000	-3.41000	-.12296	.00245	.00000	-.00066	1871.89000	110.50000	570.17000	-.03000
1.100	6.001	920.20000	-1.52000	-.02887	.00299	.00000	-.00271	1896.87000	110.80000	570.47000	-.01000
1.100	8.012	919.90000	.39100	.07110	.01059	.00000	-.01042	1912.56000	110.80000	570.47000	.01000
1.100	10.034	920.30000	2.30800	.17615	.01988	.00000	-.01877	1921.89999	110.80000	570.47000	.02000
1.099	12.005	921.10000	4.22200	.28312	.02040	.00000	-.01848	1925.87000	110.70000	570.37000	.02000
1.100	13.998	920.00000	6.09900	.39889	-.00160	.00000	.00049	1925.30000	110.50000	570.17000	-.01000
1.101	16.034	919.30000	7.96900	.51470	.00519	.00000	-.01192	1919.64999	110.50000	570.17000	-.05000
1.100	18.066	919.00000	9.88600	.62963	.00271	.00000	-.00086	1902.25999	110.50000	570.17000	.01000
	GRADIENT	.09809	.95221	.04752	-.00017	.00000	-.00053	21.02217	-.01015	-.01015	.00144

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-1.882	860.60000	-9.03300	-.39885	.00245	.00000	-.00245	1740.23000	110.30000	569.97000	.00000
1.151	.029	858.20000	-7.20900	-.31197	.00268	.00000	-.00394	1783.03999	110.60000	570.27000	.01000
1.149	2.084	859.20000	-5.24500	-.22096	.00215	.00000	-.00398	1824.06000	110.30000	569.97000	.02000
1.149	3.966	859.70000	-3.44900	-.13478	.00347	.00000	-.00467	1856.03999	110.40000	570.07000	.02000
1.149	6.005	860.90000	-1.50300	-.04248	.00307	.00000	-.00332	1883.14000	110.50000	570.17000	.01000
1.150	8.013	859.60000	.41000	.05256	.00492	.00000	-.00473	1899.05000	110.40000	570.07000	.02000
1.150	10.051	860.40000	2.34500	.15571	.01649	.00000	-.01460	1909.06000	110.50000	570.17000	.04000
1.150	12.043	860.00000	4.23100	.26192	.01433	.00000	-.01180	1912.52000	110.70000	570.37000	.03000
1.149	14.054	860.90000	6.12800	.37561	-.00084	.00000	.00295	1910.95000	110.50000	570.17000	.02000
1.149	16.042	860.40000	7.99900	.49252	.00366	.00000	-.00352	1903.47000	110.50000	570.17000	.00000
1.150	18.083	859.80000	9.92100	.61170	.00301	.00000	-.00803	1892.46001	110.40000	570.07000	-.03000
	GRADIENT	-.08458	.95494	.04506	.00013	.00000	-.00034	19.82430	-.00075	-.00075	.00358

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.199	-1.899	805.10000	-9.03500	-.41361	-.00140	.00000	-.00489	1736.48000	110.80000	570.47000	.04000
1.200	.031	806.80000	-7.19500	-.32415	-.00239	.00000	-.00137	1781.92000	110.70000	570.37000	.03000
1.201	1.923	807.90000	-5.34000	-.23715	-.00484	.00000	.00297	1822.39000	110.80000	570.47000	.02000
1.200	3.944	806.10000	-3.41100	-.14510	-.00365	.00000	.00186	1849.99001	110.60000	570.27000	.03000
1.201	5.950	803.90000	-1.49600	-.05391	-.00421	.00000	.00340	1869.78999	110.60000	570.27000	.03000
1.199	8.010	804.40000	.41800	.04202	-.00356	.00000	.00381	1884.49001	110.20000	569.87000	.04000
1.199	10.011	806.10000	2.32000	.14089	-.01648	.00000	.01704	1896.55000	110.40000	570.07000	.02000
1.200	12.066	807.00000	4.26500	.25136	-.01697	.00000	.01659	1903.94000	110.60000	570.27000	.00000
1.200	14.048	807.40000	6.13000	.36819	-.01015	.00000	.01412	1903.47000	110.80000	570.47000	.04000
1.200	16.006	808.00000	8.01600	.48951	-.00040	.00000	.00178	1900.00000	110.70000	570.37000	.01000
1.200	18.059	809.40000	9.90200	.60700	-.00046	.00000	-.00301	1892.89000	110.90000	570.57000	-.02000
	GRADIENT	.20583	.96430	.04596	-.00047	.00000	.00126	19.59076	-.02608	-.02609	-.00203

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.219	-1.949	716.40000	-9.05000	-.39891	-.00035	.00000	-.01695	1587.58000	110.30000	569.97000	.11000
1.220	.000	715.00000	-7.18400	-.31579	.00101	.00000	-.01476	1621.07001	110.20000	569.87000	.11000
1.220	1.906	714.90000	-5.35600	-.23848	-.00053	.00000	-.00787	1652.25000	109.90000	569.57000	.09000
1.219	3.926	717.20000	-3.42000	-.15419	-.00101	.00000	-.00556	1683.85001	110.30000	569.97000	.11000
1.220	5.932	717.80000	-1.49700	-.07134	-.00136	.00000	-.00152	1706.77000	110.10000	569.77000	.11000
1.220	7.974	718.20000	.45700	.01717	-.00066	.00000	.00153	1722.75999	110.10000	569.77000	.11000
1.220	9.977	719.00000	2.36700	.11042	-.01284	.00000	.01595	1734.06000	110.40000	570.07000	.08000
1.219	12.006	720.20000	4.29700	.20857	-.01335	.00000	.01980	1740.16000	110.20000	569.87000	.09000
1.220	13.988	719.00000	6.17100	.31676	-.00518	.00000	.01685	1739.10001	110.40000	570.07000	.11000
1.220	16.019	717.60000	8.09400	.42466	-.00097	.00000	.01078	1732.03999	110.10000	569.77000	.07000
1.218	17.980	719.20000	9.94900	.53059	-.00063	.00000	.00924	1719.53999	110.20000	569.87000	.05000
	GRADIENT	.12167	.95845	.04155	-.00018	.00000	.00210	16.38226	-.01452	-.01452	-.00098

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.240	-2.006	698.70000	-9.09600	-.40992	.00286	.00000	-.01393	1587.42999	110.20000	569.87000	.07000
1.239	.029	702.00000	-7.14900	-.32183	.00354	.00000	-.00478	1627.11000	110.20000	569.87000	.01000
1.240	1.967	699.70000	-5.29100	-.24211	.00126	.00000	-.00126	1654.03000	110.20000	569.87000	.00000
1.239	4.034	696.80000	-3.31000	-.15639	.00130	.00000	-.00245	1675.64000	109.90000	569.57000	.02000
1.240	5.980	697.60000	-1.44700	-.07335	-.00017	.00000	-.00034	1698.32001	109.90000	569.57000	.02000
1.240	7.979	699.10000	.46700	.01171	-.00054	.00000	.00070	1716.32001	110.20000	569.87000	.02000
1.240	10.012	700.60000	2.40500	.10743	-.01120	.00000	.01103	1728.83000	110.00000	569.67000	.00000
1.240	11.996	701.10000	4.29200	.20410	-.01263	.00000	.01236	1734.28999	110.00000	569.67000	.00000
1.240	14.012	700.20000	6.19900	.31279	-.00691	.00000	.00779	1734.64999	110.20000	569.87000	.01000
1.239	16.012	700.80000	8.08900	.42267	-.00080	.00000	-.00064	1730.82001	110.40000	570.07000	-.01000
1.240	18.026	700.40000	9.99400	.53172	.00075	.00000	-.00419	1715.89999	110.10000	569.77000	-.02000
	GRADIENT	-.39845	.95811	.04190	-.00035	.00000	.00189	14.53178	-.04515	-.04515	-.00796

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	-1.990	644.80000	-9.05600	-.43351	.00076	.00000	-.00391	1577.53999	110.60000	570.27000	.02000
1.299	.002	644.90000	-7.15000	-.34751	.00271	.00000	-.00271	1615.50000	110.50000	570.17000	.00000
1.300	1.989	644.90000	-5.24700	-.26430	.00284	.00000	-.00284	1645.70000	110.30000	569.97000	.00000
1.300	3.995	646.10000	-3.32900	-.17598	.00211	.00000	-.00327	1674.08000	110.40000	570.07000	.02000
1.300	6.004	645.80000	-1.40400	-.09166	-.00024	.00000	.00024	1692.33000	110.40000	570.07000	.00000
1.300	8.026	644.50000	.52900	-.00292	-.00008	.00000	.00027	1703.39999	110.50000	570.17000	.02000
1.300	9.976	644.80000	2.38800	.08826	-.00670	.00000	.00660	1712.47000	110.20000	569.87000	.00000
1.300	12.011	645.80000	4.32400	.18737	-.00881	.00000	.00862	1719.24001	110.50000	570.17000	.00000
1.300	14.019	646.80000	6.22100	.29830	-.00358	.00000	.00347	1719.88000	110.40000	570.07000	.00000
1.299	15.969	647.60000	8.06100	.40773	-.00003	.00000	-.00137	1715.35001	110.40000	570.07000	-.01000
1.300	18.050	646.00000	10.02800	.52202	-.00016	.00000	-.00159	1702.00999	110.30000	569.97000	-.01000
	GRADIENT	.19587	.95708	.04292	.00021	.00000	.00009	16.03792	-.04006	-.04006	.00001

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.399	-1.985	562.90000	-9.00100	-.45455	-.00549	.00000	-.00233	1504.77000	110.00000	569.67000	.05000
1.400	.022	563.70000	-7.08300	-.36582	-.01117	.00000	.00994	1544.81000	109.90000	569.57000	.01000
1.400	1.962	562.90000	-5.22700	-.28195	-.00318	.00000	-.00046	1574.53999	110.20000	569.87000	.04000
1.399	3.977	562.30000	-3.30100	-.19339	-.00298	.00000	.00240	1597.67999	110.20000	569.87000	.01000
1.400	5.952	561.60000	-1.41000	-.10859	-.00067	.00000	-.00032	1616.99001	110.00000	569.67000	.04000
1.400	7.986	562.40000	.53300	-.01834	-.00472	.00000	.00486	1632.16000	110.10000	569.77000	.02000
1.400	9.965	562.30000	2.41600	.07768	-.00853	.00000	.01009	1640.61000	110.20000	569.87000	.04000
1.400	11.982	562.50000	4.33400	.17731	-.01381	.00000	.01426	1644.60001	110.20000	569.87000	.01000
1.400	13.992	562.30000	6.23100	.28984	-.00513	.00000	.01040	1642.92999	110.20000	569.87000	.05000
1.400	15.951	562.80000	8.08000	.39999	-.00703	.00000	.00676	1638.77000	110.30000	569.97000	.00000
1.400	17.977	562.80000	9.99300	.51306	-.00941	.00000	.00895	1630.83000	110.20000	569.87000	.00000
	GRADIENT	-.13064	.95624	.04375	.00078	.00000	.00020	15.55928	.04516	.04516	-.00459

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.550	-1.859	417.20000	-8.98300	-.45619	-.00131	.00000	-.00806	1372.70000	110.50000	570.17000	.06000
1.550	.031	416.20000	-7.17000	-.37886	-.00373	.00000	-.00625	1399.37000	110.50000	570.17000	.08000
1.550	2.052	414.60000	-5.22800	-.30000	-.00027	.00000	-.00702	1421.50000	110.50000	570.17000	.08000
1.551	4.093	415.10000	-3.26500	-.22165	-.00219	.00000	-.00180	1444.82001	110.70000	570.37000	.07000
1.550	6.060	416.10000	-1.37500	-.14460	-.00298	.00000	.00080	1462.82001	110.50000	570.17000	.09000
1.550	8.088	416.60000	.57100	-.06327	-.00466	.00000	.00541	1475.72000	110.30000	569.97000	.08000
1.550	10.082	416.90000	2.47900	.02299	-.00952	.00000	.01284	1483.61000	110.50000	570.17000	.08000
1.550	12.062	415.80000	4.37000	.11196	-.01093	.00000	.01678	1484.82001	110.30000	569.97000	.08000
1.550	14.095	415.90000	6.30000	.21481	-.00710	.00000	.01786	1485.55000	110.30000	569.97000	.10000
1.549	16.084	415.60000	8.19000	.31410	-.00721	.00000	.01975	1483.32001	110.50000	570.17000	.09000
	GRADIENT	-.39518	.96065	.03935	.00005	.00000	.00091	11.98565	.03050	.03050	.00145

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.201	-1.827	3578.20001	-9.45400	-.23900	-.05838	.00000	1.96233	3646.01999	84.00000	543.67000	-11.67000
.201	.217	3572.79999	-7.47100	-.22761	-.07334	.00000	1.99809	3650.44000	84.00000	543.67000	-14.97000
.203	2.133	3576.00000	-5.64300	-.21464	-.09460	.00000	2.02643	3662.28000	84.10000	543.77000	-20.05000
.204	4.121	3572.39999	-3.82000	-.19061	-.13471	.00000	2.04851	3666.07999	84.50000	544.17000	-30.09000
.203	6.092	3576.29999	-2.27200	-.12068	-.21467	.00000	2.06734	3673.70999	84.90000	544.57000	-54.69000
.204	7.842	3572.20001	-1.86400	.06427	-.25681	.00000	2.06823	3672.48999	85.20000	544.87000	-103.31000
.200	9.797	3576.00000	-2.88600	.19890	-.16112	.00000	1.87161	3674.23001	85.30000	544.97000	-143.58000
.200	11.702	3578.60001	-4.57600	.23206	-.11181	.00000	1.93463	3677.45001	85.30000	544.97000	-156.47000
.201	13.722	3578.70001	-6.47400	.25070	-.08372	.00000	1.96931	3677.76001	85.30000	544.97000	-163.01000
.201	15.703	3579.50000	-8.38200	.26413	-.06751	.00000	1.99379	3676.04999	85.30000	544.97000	-166.65000
	GRADIENT	-.72771	.94786	.00800	-.01265	.00000	.01453	3.63642	.08077	.08077	-3.04980

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.397	-1.949	1665.70000	-9.42600	-.25493	-.06526	.00000	2.00212	1792.50000	90.70000	550.37000	-11.91000
.398	.036	1665.10001	-7.49900	-.23972	-.07828	.00000	1.99128	1809.80000	90.70000	550.37000	-14.82000
.398	2.027	1664.89999	-5.61100	-.21981	-.10038	.00000	2.02220	1824.24001	90.70000	550.37000	-20.06000
.398	4.034	1664.70000	-3.78400	-.19051	-.13941	.00000	2.02889	1835.73000	90.70000	550.37000	-29.98000
.398	6.021	1664.70000	-2.29300	-.11345	-.21911	.00000	2.08588	1843.42000	90.80000	550.47000	-54.56000
.399	7.888	1664.70000	-1.79200	.07895	-.26102	.00000	2.00588	1847.75000	90.80000	550.47000	-102.81000
.399	9.869	1664.39999	-2.87000	.21898	-.17464	.00000	1.96952	1850.08000	90.90000	550.57000	-141.21000
.399	11.864	1664.80000	-4.55800	.26542	-.11824	.00000	1.94541	1850.49001	91.00000	550.67000	-156.31000
.399	13.871	1664.39999	-6.43000	.29119	-.09086	.00000	1.96881	1848.67000	90.80000	550.47000	-162.96000
.399	15.864	1664.30000	-8.33900	.31128	-.07433	.00000	1.98204	1845.17000	90.90000	550.57000	-166.71000
.398	17.907	1664.60001	-10.32300	.32977	-.06362	.00000	2.00238	1837.69000	90.90000	550.57000	-169.10000
	GRADIENT	-.16036	.94341	.01069	-.01227	.00000	.00558	7.22589	.00000	.00000	-2.98314

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6900 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.600	-1.921	1671.00000	-9.37400	-.31164	-.07603	.00000	2.00867	1989.45000	109.90000	569.57000	-11.95000
.600	.057	1669.80000	-7.47800	-.28065	-.09047	.00000	2.01450	2027.45000	109.30000	568.97000	-14.95000
.601	2.070	1669.80000	-5.58900	-.23993	-.11115	.00000	2.01171	2060.44000	109.20000	568.87000	-19.91000
.600	4.093	1670.80000	-3.79000	-.18701	-.14970	.00000	2.03641	2084.23999	111.40000	571.07000	-29.88000
.602	6.111	1663.00000	-2.30700	-.08649	-.22593	.00000	2.08615	2094.28000	110.80000	570.47000	-53.80000
.601	8.014	1671.20000	-1.83800	.12780	-.27253	.00000	2.07077	2113.04999	110.60000	570.27000	-101.53000
.601	10.027	1668.10001	-2.83800	.29889	-.17989	.00000	1.89805	2113.50000	110.10000	569.77000	-142.66000
.601	11.881	1673.30000	-4.44400	.35988	-.13332	.00000	1.93222	2120.51001	109.90000	569.57000	-156.06000
.600	13.852	1671.39999	-6.28100	.40132	-.10833	.00000	1.97061	2113.76999	109.90000	569.57000	-162.69000
.599	15.888	1671.50000	-8.22000	.43694	-.09526	.00000	1.98065	2105.51001	109.90000	569.57000	-166.67000
.600	17.886	1675.00000	-10.14400	.47545	-.08597	.00000	1.99726	2094.42999	109.80000	569.47000	-169.06000
	GRADIENT	-.02869	.92943	.02069	-.01206	.00000	.00402	15.81669	.22083	.22083	-2.93307

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.697	-1.908	1545.39999	-9.33500	-.32824	-.09280	.00000	2.00793	1967.49001	110.50000	570.17000	-11.89000
.700	.005	1539.00000	-7.51100	-.28864	-.10636	.00000	2.01987	2008.60001	110.40000	570.07000	-14.80000
.701	2.105	1538.20000	-5.54000	-.23642	-.12783	.00000	1.99812	2049.17001	110.20000	569.87000	-19.76000
.701	4.058	1536.20000	-3.80700	-.17814	-.16588	.00000	2.03561	2075.01001	110.10000	569.77000	-29.44000
.702	6.096	1532.39999	-2.28600	-.07168	-.24374	.00000	2.07363	2091.10999	110.20000	569.87000	-53.24000
.700	7.970	1537.20000	-1.75800	.14582	-.29230	.00000	2.01539	2105.69000	110.20000	569.87000	-100.96000
.699	10.039	1541.39999	-2.82800	.33330	-.19970	.00000	1.90676	2117.54999	110.20000	569.87000	-142.78000
.699	11.895	1540.70000	-4.42000	.40738	-.15018	.00000	1.93828	2117.23001	110.20000	569.87000	-156.07000
.699	13.859	1540.30000	-6.22900	.46542	-.12442	.00000	1.96875	2113.10001	110.60000	570.27000	-162.71000
.698	15.880	1543.20000	-8.13200	.52108	-.10995	.00000	1.97192	2106.39999	110.60000	570.27000	-166.69000
.699	17.891	1539.50000	-10.05200	.57509	-.09999	.00000	1.98824	2084.62000	110.10000	569.77000	-169.09000
	GRADIENT	-1.41189	.92790	.02514	-.01204	.00000	.00300	18.15805	-.07016	-.07016	-2.88132

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.799	-2.004	1408.70000	-9.33700	-.35642	-.10621	.00000	2.03443	1946.91000	109.90000	569.57000	-11.97000
.799	-.017	1408.00000	-7.44000	-.30671	-.11924	.00000	2.00850	1998.10001	109.90000	569.57000	-14.75000
.800	2.012	1403.20000	-5.54800	-.24624	-.14093	.00000	2.00936	2035.91000	109.90000	569.57000	-19.71000
.800	3.963	1403.10001	-3.82600	-.17874	-.18045	.00000	2.05715	2067.31000	110.00000	569.67000	-29.40000
.800	6.025	1404.10001	-2.26100	-.06513	-.25754	.00000	2.05401	2092.34000	110.20000	569.87000	-52.68000
.800	7.926	1403.50000	-1.71300	.16257	-.30662	.00000	1.98812	2106.01999	109.80000	569.47000	-100.47000
.800	9.993	1403.20000	-2.81700	.35925	-.22683	.00000	2.02726	2114.64999	109.60000	569.27000	-140.17000
.800	11.885	1403.60001	-4.32000	.45382	-.16579	.00000	1.91174	2116.38000	109.20000	568.87000	-156.09000
.800	13.917	1404.00000	-6.17500	.53252	-.14061	.00000	1.96644	2112.89001	109.30000	568.97000	-162.73000
.800	15.945	1403.50000	-8.06000	.60914	-.12397	.00000	1.97034	2102.82001	109.00000	568.67000	-166.68000
.800	17.930	1403.70000	-9.93400	.68080	-.11501	.00000	1.98392	2083.31000	109.30000	568.97000	-169.07000
	GRADIENT	-1.08666	.92456	.02977	-.01225	.00000	.00342	20.02636	.01497	.01497	-2.86837

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.849	-1.913	1339.00000	-9.22800	-.35726	-.10586	.00000	1.88760	2119.50000	109.90000	569.57000	-11.18000
.849	.022	1335.60001	-7.41600	-.29784	-.12492	.00000	1.98563	2113.39999	109.90000	569.57000	-14.57000
.850	1.976	1335.00000	-5.60900	-.24024	-.14613	.00000	2.02953	2114.10001	109.90000	569.57000	-19.65000
.850	4.042	1335.20000	-3.76500	-.16656	-.18383	.00000	2.01113	2114.20001	109.90000	569.57000	-29.06000
.850	6.043	1335.70000	-2.31500	-.05094	-.26489	.00000	2.10182	2115.39999	109.90000	569.57000	-52.58000
.850	7.988	1336.20000	-1.78100	.18194	-.31792	.00000	2.06958	2116.60001	109.80000	569.47000	-99.85000
.850	10.078	1337.20000	-2.75500	.39140	-.22174	.00000	1.89658	2117.89999	109.90000	569.57000	-142.46000
.850	11.928	1338.39999	-4.30900	.48643	-.17093	.00000	1.91231	2120.29999	110.30000	569.97000	-156.09000
.849	13.950	1338.50000	-6.15400	.56858	-.14676	.00000	1.96210	2119.00000	110.50000	570.17000	-162.77000
.850	15.933	1337.10001	-7.99400	.65569	-.13344	.00000	1.98740	2118.29999	110.20000	569.87000	-166.51000
.850	17.980	1338.10001	-9.91500	.74193	-.12244	.00000	1.99924	2119.10001	110.10000	569.77000	-169.00000
	GRADIENT	-.59985	.91798	.03180	-.01291	.00000	.02071	-.75924	.00000	.00000	-2.97286

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.901	-1.991	1266.20000	-9.28000	-.38434	-.12670	.00000	2.00377	1932.19000	110.20000	569.87000	-11.72000
.899	-.038	1267.39999	-7.43700	-.31221	-.14077	.00000	2.01674	1983.92999	110.50000	570.17000	-14.65000
.899	1.974	1267.10001	-5.57400	-.23248	-.15926	.00000	2.01536	2028.17000	110.50000	570.17000	-19.48000
.900	3.952	1266.60001	-3.82600	-.13872	-.20149	.00000	2.03728	2062.42001	110.70000	570.37000	-28.70000
.900	5.989	1264.89999	-2.31600	.00126	-.28155	.00000	2.08575	2085.73999	110.40000	570.07000	-51.24000
.900	7.876	1265.89999	-1.73200	.25073	-.33927	.00000	2.05231	2100.97000	110.50000	570.17000	-97.71000
.900	10.025	1267.60001	-2.67700	.48939	-.24151	.00000	1.89508	2113.10001	110.60000	570.27000	-141.74000
.900	11.900	1267.20000	-4.20100	.60389	-.19184	.00000	1.91985	2115.26001	110.40000	570.07000	-155.63000
.900	13.924	1268.60001	-6.01100	.71097	-.16815	.00000	1.96573	2114.04999	110.50000	570.17000	-162.52000
.899	15.891	1269.89999	-7.81500	.81451	-.15040	.00000	1.98498	2105.06000	110.70000	570.37000	-166.49000
.899	17.929	1267.60001	-9.71100	.91612	-.13971	.00000	1.99555	2081.47000	110.10000	569.77000	-168.89000
	GRADIENT	.04452	.91862	.04116	-.01225	.00000	.00499	21.91734	.07546	.07546	-2.81243

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.950	-1.972	1200.89999	-9.29900	-.36306	-.16688	.00000	2.04457	2115.89999	110.70000	570.37000	-11.70000
.950	.045	1201.60001	-7.42000	-.26071	-.17254	.00000	1.99295	2115.29999	110.50000	570.17000	-14.24000
.950	1.988	1201.00000	-5.65100	-.16487	-.19256	.00000	2.02304	2116.29999	110.20000	569.87000	-18.93000
.950	4.016	1202.20000	-3.85500	-.07408	-.22946	.00000	2.02635	2117.60001	110.40000	570.07000	-27.81000
.950	6.057	1202.50000	-2.32000	.06547	-.30641	.00000	2.06653	2117.89999	110.30000	569.97000	-49.42000
.950	7.981	1203.00000	-1.64200	.31165	-.37450	.00000	2.00429	2117.70001	110.20000	569.87000	-95.86000
.951	10.031	1202.39999	-2.63200	.54662	-.30479	.00000	2.03208	2118.89999	110.30000	569.97000	-138.84000
.950	11.930	1202.50000	-4.08700	.70450	-.21178	.00000	1.89113	2118.79999	110.10000	569.77000	-155.65000
.949	14.018	1204.10001	-5.99700	.79314	-.21373	.00000	2.00172	2119.10001	110.20000	569.87000	-162.56000
.950	15.938	1202.30000	-7.75100	.89503	-.19670	.00000	1.98679	2116.39999	110.30000	569.97000	-166.55000
.950	17.931	1201.89999	-9.60300	.99664	-.16333	.00000	1.96310	2117.50000	110.50000	570.17000	-169.10000
	GRADIENT	.16707	.90926	.04836	-.01044	.00000	-.00127	.30613	-.05999	-.05998	-2.66484

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.980	-2.030	1167.80000	-9.32300	-.37717	-.17066	.00000	1.98325	1945.21001	110.40000	570.07000	-11.26000
.980	.010	1167.89999	-7.43400	-.27623	-.19670	.00000	2.02555	1995.92999	110.10000	569.77000	-14.28000
.980	1.987	1167.30000	-5.62500	-.17412	-.20703	.00000	2.00960	2039.66000	109.90000	569.57000	-18.72000
.980	4.017	1167.89999	-3.83600	-.06882	-.24223	.00000	2.01660	2076.69000	110.50000	570.17000	-27.58000
.979	6.008	1167.80000	-2.34600	.06670	-.32240	.00000	2.09310	2100.38000	110.50000	570.17000	-49.08000
.979	7.948	1167.39999	-1.61100	.32132	-.38609	.00000	1.98591	2115.13000	110.50000	570.17000	-95.51000
.981	9.975	1166.10001	-2.57000	.55461	-.31433	.00000	1.99700	2123.44000	110.40000	570.07000	-138.95000
.979	11.942	1171.50000	-4.13300	.67890	-.25752	.00000	1.93966	2133.20999	110.50000	570.17000	-155.88000
.980	13.938	1174.00000	-5.90500	.80249	-.23223	.00000	1.96872	2135.42999	110.90000	570.57000	-162.80000
.979	15.929	1173.89999	-7.71900	.91616	-.21411	.00000	1.96347	2125.48001	110.60000	570.27000	-166.80000
.981	17.964	1169.60001	-9.61400	1.02176	-.20362	.00000	1.99031	2100.25000	110.50000	570.17000	-169.18000
.980	18.933	1168.30000	-10.51200	1.07852	-.18166	.00000	1.97831	2082.23999	110.40000	570.07000	-170.05000
	GRADIENT	-.01444	.90818	.05106	-.01120	.00000	.00421	21.78201	.00505	.00506	-2.65448

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.051	-1.981	956.80000	-9.27600	-.38483	-.14376	.00000	1.94889	1728.09000	110.30000	569.97000	-11.27000
1.049	.002	957.20000	-7.43300	-.29708	-.16930	.00000	1.99665	1773.67999	110.20000	569.87000	-14.27000
1.050	2.007	957.00000	-5.60300	-.20380	-.19781	.00000	2.02940	1813.75999	110.50000	570.17000	-19.11000
1.049	4.009	958.70000	-3.85300	-.09731	-.23726	.00000	2.04330	1846.05000	110.20000	569.87000	-27.98000
1.051	6.077	957.60000	-2.29400	.04519	-.31079	.00000	2.05816	1869.52000	110.10000	569.77000	-49.69000
1.050	7.994	960.40000	-1.62700	.30165	-.37712	.00000	1.99147	1886.96001	110.00000	569.67000	-96.03000
1.050	9.971	961.10000	-2.55100	.54022	-.29541	.00000	1.97565	1895.89000	110.20000	569.87000	-138.66000
1.050	11.999	960.20000	-4.18000	.67830	-.23168	.00000	1.94548	1897.14000	110.30000	569.97000	-155.70000
1.049	13.935	960.00000	-5.91100	.78561	-.20331	.00000	1.96310	1892.41000	110.10000	569.77000	-162.59000
1.049	15.931	959.10000	-7.74000	.89087	-.18967	.00000	1.96047	1881.99001	110.10000	569.77000	-166.68000
1.049	17.964	958.10000	-9.63000	1.00003	-.17535	.00000	1.93447	1864.64000	109.90000	569.57000	-169.07000
1.050	18.963	957.70000	-10.56300	1.05457	-.16995	.00000	1.99937	1853.88000	110.10000	569.77000	-169.92000
	GRADIENT	.27548	.90604	.04785	-.01547	.00000	.01581	19.71905	.00002	.00002	-2.75311

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.100	-2.011	921.20000	-9.29300	-.40165	-.14723	.00000	1.97465	1765.95000	110.50000	570.17000	-11.39000
1.100	.036	921.20000	-7.39600	-.30360	-.16654	.00000	2.00355	1815.17000	110.50000	570.17000	-14.42000
1.099	1.984	920.30000	-5.62200	-.20871	-.19681	.00000	2.03459	1848.44000	110.20000	569.87000	-19.11000
1.099	4.064	919.10000	-3.79400	-.09467	-.23484	.00000	2.01324	1875.30000	110.60000	570.27000	-27.98000
1.101	6.016	916.30000	-2.37000	.05039	-.30953	.00000	2.11191	1892.14999	110.40000	570.07000	-49.58000
1.099	7.998	917.50000	-1.65200	.31023	-.37275	.00000	2.01277	1906.89999	110.20000	569.87000	-95.77000
1.101	9.959	916.30000	-2.61700	.55754	-.29595	.00000	2.02174	1915.82001	110.20000	569.87000	-138.60000
1.100	11.929	918.70000	-4.09400	.69095	-.22829	.00000	1.91668	1922.23000	110.30000	569.97000	-155.55000
1.100	13.880	920.80000	-5.89300	.81404	-.19970	.00000	1.95716	1924.33000	110.50000	570.17000	-162.56000
1.101	15.863	920.00000	-7.70400	.92836	-.18142	.00000	1.97954	1915.98000	110.20000	569.87000	-166.41000
1.100	17.929	920.60000	-9.59700	1.05966	-.15486	.00000	1.96535	1902.42999	110.50000	570.17000	-169.03000
	GRADIENT	-.35702	.90571	.05037	-.01453	.00000	.00723	17.90586	.00073	.00073	-2.70318

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.149	-1.946	861.70000	-9.27100	-.39614	-.14692	.00000	1.97163	1760.64999	110.30000	569.97000	-11.40000
1.151	.041	860.60000	-7.42000	-.30322	-.16209	.00000	2.00378	1804.95000	110.50000	570.17000	-14.41000
1.149	2.010	862.40000	-5.62200	-.20881	-.18514	.00000	2.01738	1843.13000	110.50000	570.17000	-19.05000
1.150	4.046	861.30000	-3.82400	-.10200	-.22298	.00000	2.03430	1872.19000	110.50000	570.17000	-28.30000
1.150	6.022	860.80000	-2.33200	.04053	-.30177	.00000	2.08054	1892.12000	110.60000	570.27000	-49.78000
1.149	7.940	860.80000	-1.72600	.30012	-.37016	.00000	2.08280	1903.39000	110.50000	570.17000	-96.10000
1.151	9.996	859.00000	-2.58700	.55084	-.27090	.00000	1.88319	1909.42000	110.80000	570.47000	-141.32000
1.150	11.910	860.30000	-4.16300	.67859	-.22105	.00000	1.93541	1912.00000	110.90000	570.57000	-155.59000
1.150	13.852	859.70000	-5.88200	.79577	-.18938	.00000	1.94193	1909.19000	111.00000	570.67000	-162.58000
1.149	15.884	860.30000	-7.74000	.91335	-.17138	.00000	1.97170	1902.33000	110.80000	570.47000	-166.46000
1.150	17.883	858.70000	-9.58200	1.03509	-.15295	.00000	1.97546	1887.89999	110.50000	570.17000	-168.94000
	GRADIENT	.02881	.90936	.04898	-.01261	.00000	.01010	18.67988	.03000	.03000	-2.77888

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.200	-2.026	806.90000	-9.28800	-.40947	-.15472	.00000	1.99224	1757.42000	110.80000	570.47000	-11.46000
1.200	.095	807.80000	-7.35800	-.31200	-.17777	.00000	2.01284	1799.47000	110.80000	570.47000	-14.48000
1.200	1.941	806.90000	-5.62900	-.22111	-.19570	.00000	2.03113	1833.21001	110.70000	570.37000	-19.06000
1.201	4.006	805.90000	-3.80500	-.11107	-.23473	.00000	2.02122	1862.16000	110.70000	570.37000	-28.03000
1.200	6.036	806.40000	-2.30600	.03606	-.31149	.00000	2.07243	1881.78000	110.60000	570.27000	-49.86000
1.199	7.909	806.60000	-1.63600	.29715	-.36785	.00000	1.99094	1890.99001	110.60000	570.27000	-96.13000
1.201	9.941	803.50000	-2.58200	.53498	-.28527	.00000	1.98780	1893.66000	110.70000	570.37000	-138.61000
1.199	11.883	805.80000	-4.15000	.67003	-.21797	.00000	1.92441	1896.85001	111.00000	570.67000	-155.63000
1.199	13.868	807.70000	-5.91700	.78656	-.19206	.00000	1.96084	1899.73000	111.10000	570.77000	-162.52000
1.199	15.898	808.70000	-7.76100	.90958	-.17487	.00000	1.97335	1898.39999	111.10000	570.77000	-166.51000
1.200	17.950	808.70000	-9.59700	1.03455	-.15023	.00000	1.96751	1886.44000	111.00000	570.67000	-168.99000
	GRADIENT	-.19203	.91143	.04944	-.01295	.00000	.00526	17.45139	-.01980	-.01980	-2.72018

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.299	-1.986	647.00000	-9.23900	-.42976	-.15069	.00000	2.00693	1593.94000	110.40000	570.07000	-11.64000
1.300	-.006	646.80000	-7.39500	-.34087	-.16571	.00000	2.02118	1631.89999	110.70000	570.37000	-14.57000
1.300	2.003	644.80000	-5.54900	-.25031	-.18586	.00000	2.01356	1657.92999	110.50000	570.17000	-19.26000
1.300	4.023	644.10000	-3.77700	-.14751	-.22113	.00000	2.02180	1679.96001	110.50000	570.17000	-28.50000
1.301	6.014	644.00000	-2.31600	-.00842	-.30187	.00000	2.09606	1697.62000	110.70000	570.37000	-50.85000
1.301	7.960	645.20000	-1.67200	.25413	-.35674	.00000	2.01008	1709.72000	110.40000	570.07000	-97.73000
1.300	9.956	645.80000	-2.62100	.48203	-.27066	.00000	1.97746	1716.03000	110.60000	570.27000	-139.24000
1.300	11.944	646.00000	-4.21400	.60816	-.21001	.00000	1.93493	1719.28000	110.60000	570.27000	-155.75000
1.299	13.928	647.10000	-5.98100	.72160	-.18020	.00000	1.95454	1719.66000	110.50000	570.17000	-162.66000
1.300	15.933	645.80000	-7.81500	.83403	-.16182	.00000	1.97199	1711.98000	111.10000	570.77000	-166.52000
1.300	17.979	644.50000	-9.70600	.94902	-.14774	.00000	1.97572	1695.53000	111.00000	570.67000	-169.05000
	GRADIENT	-.53442	.90994	.04679	-.01156	.00000	.00184	14.17096	.00481	.00482	-2.76153

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.400	-1.935	563.10000	-9.13900	-.44986	-.14936	.00000	1.93429	1563.25000	110.20000	569.87000	-11.31000
1.400	.005	563.10000	-7.35000	-.35767	-.16749	.00000	1.99809	1595.95000	110.30000	569.97000	-14.46000
1.400	1.991	562.00000	-5.53500	-.26810	-.18151	.00000	2.00676	1620.87000	110.50000	570.17000	-19.28000
1.400	4.002	561.60000	-3.79200	-.16391	-.22277	.00000	2.03930	1642.92999	110.40000	570.07000	-28.65000
1.399	6.067	563.20000	-2.29700	-.00926	-.30096	.00000	2.08923	1664.05000	110.40000	570.07000	-51.20000
1.400	8.005	563.80000	-1.68200	.23174	-.34996	.00000	2.01334	1678.71001	110.80000	570.47000	-97.72000
1.400	10.062	563.30000	-2.69200	.46697	-.26839	.00000	2.01581	1681.67999	110.50000	570.17000	-139.40000
1.399	11.982	562.00000	-4.21000	.59802	-.20288	.00000	1.92901	1676.57001	110.20000	569.87000	-155.71000
1.400	13.953	562.60000	-5.97100	.71051	-.17402	.00000	1.94857	1674.31000	110.50000	570.17000	-162.63000
1.400	15.999	563.00000	-7.84600	.82696	-.15547	.00000	1.97303	1670.63000	110.40000	570.07000	-166.52000
1.400	17.976	563.50000	-9.66700	.94735	-.14504	.00000	1.98567	1673.25000	110.50000	570.17000	-168.93000
	GRADIENT	-.28331	.90179	.04786	-.01185	.00000	.01632	13.32216	.04025	.04025	-2.87638

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.549	-1.816	416.90000	-9.16000	-.45211	-.14683	.00000	2.01540	1375.53000	110.70000	570.37000	-11.82000
1.550	.129	415.50000	-7.34600	-.36961	-.15389	.00000	1.99960	1402.03000	110.70000	570.37000	-14.59000
1.551	2.137	414.90000	-5.51500	-.28275	-.17784	.00000	2.02068	1425.98000	110.70000	570.37000	-19.55000
1.550	4.139	414.90000	-3.77300	-.19070	-.21555	.00000	2.03916	1445.10001	110.50000	570.17000	-28.93000
1.550	6.194	415.00000	-2.28600	-.05188	-.29253	.00000	2.09261	1460.50999	110.70000	570.37000	-52.02000
1.550	8.094	416.30000	-1.70200	.20244	-.33922	.00000	2.01561	1475.35001	110.70000	570.37000	-99.29000
1.550	10.106	416.70000	-2.72000	.43486	-.24021	.00000	1.89834	1483.56000	110.80000	570.47000	-142.33000
1.550	11.921	415.80000	-4.27600	.53732	-.18886	.00000	1.93421	1482.05000	111.00000	570.67000	-155.83000
1.551	13.891	414.60000	-6.05600	.64557	-.16082	.00000	1.96100	1479.28999	110.60000	570.27000	-162.63000
1.550	15.882	415.30000	-7.89600	.74607	-.14559	.00000	1.96976	1476.99001	110.80000	570.47000	-166.56000
1.550	17.910	416.10000	-9.79500	.84572	-.12609	.00000	1.99019	1469.38000	110.70000	570.37000	-168.94000
	GRADIENT	-.33101	.90515	.04383	-.01160	.00000	.00468	11.70026	-.03029	-.03030	-2.83630

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.260	7.995	680.80000	.49800	-.00292	-.00080	.00000	.00079	1710.67000	109.60000	569.27000	.00000
1.260	11.981	680.50000	4.29400	.18706	-.01019	.00000	.00997	1724.25000	109.80000	569.47000	.00000
1.261	15.954	679.80000	8.04700	.40695	.00044	.00000	-.00462	1717.70000	109.10000	568.77000	-.03000
1.260	17.997	681.50000	9.97900	.51809	.00064	.00000	.00113	1708.77000	109.30000	568.97000	.01000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.280	7.973	662.90000	.47900	-.00554	.00408	.00000	-.00404	1706.46001	110.00000	569.67000	.00000
1.279	12.004	663.50000	4.31500	.18933	-.00517	.00000	.00505	1721.11000	109.80000	569.47000	.00000
1.280	16.026	663.10000	8.11700	.40956	.00495	.00000	-.00899	1716.83000	109.60000	569.27000	-.03000
1.281	17.973	662.60000	9.95600	.51[illegible]	.00512	.00000	-.01178	1703.49001	109.80000	569.47000	-.04000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.300	7.980	646.00000	.48700	-.00684	-.00082	.00000	.00081	1706.14999	110.50000	570.17000	.00000
1.299	12.031	646.80000	4.34300	.18773	-.00891	.00000	.00720	1721.14000	110.50000	570.17000	-.02000
1.300	15.998	646.40000	8.09200	.40655	.00081	.00000	-.00359	1712.50000	110.20000	569.87000	-.02000
1.299	18.005	646.50000	9.98700	.51820	-.00018	.00000	-.00503	1702.38000	110.30000	569.97000	-.03000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.321	7.999	627.20000	.50600	-.00713	-.00220	.00000	.00218	1695.70000	110.40000	570.07000	.00000
1.320	11.971	627.20000	4.28700	.18416	-.01276	.00000	.01323	1708.03000	110.30000	569.97000	.01000
1.320	16.033	630.00000	8.12300	.41020	-.00477	.00000	.00317	1713.47000	110.70000	570.37000	-.01000
1.320	17.990	628.20000	9.97200	.51810	-.00495	.00000	.00124	1695.96001	110.60000	570.27000	-.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.340	7.967	613.10000	.47600	-.00945	-.00305	.00000	.00302	1698.47000	110.80000	570.47000	.00000
1.341	12.003	610.10000	4.31900	.18432	-.01248	.00000	.01522	1705.88000	110.60000	570.27000	.04000
1.340	16.031	610.60000	8.12300	.40796	-.00638	.00000	.00754	1703.78999	110.80000	570.47000	.01000
1.340	17.999	611.50000	9.97900	.52009	-.00472	.00000	.00102	1696.11000	110.80000	570.47000	-.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (ZVR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.360	7.963	595.30000	.48300	-.01106	.00006	.00000	.00027	1689.63000	110.20000	569.87000	.04000
1.360	12.007	593.80000	4.33100	.18504	.00653	.00000	-.00488	1701.19000	110.20000	569.87000	.02000
1.361	16.017	594.60000	8.11800	.40795	-.00648	.00000	.00622	1703.41000	110.10000	569.77000	.00000
1.361	18.000	595.30000	9.98900	.52013	-.00878	.00000	.00835	1692.97000	110.20000	569.87000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.380	7.969	580.00000	.50300	-.01376	.00395	.00000	-.00348	1685.88000	110.20000	569.87000	.05000
1.380	11.979	578.80000	4.31800	.18086	-.00977	.00000	.01332	1697.09000	109.90000	569.57000	.05000
1.380	16.017	578.50000	8.13200	.40483	-.00402	.00000	.00528	1694.78999	109.90000	569.57000	.01000
1.380	17.982	580.40000	9.98500	.51719	-.00514	.00000	.00489	1687.97000	110.10000	569.77000	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.400	7.959	563.30000	.50700	-.01916	.00032	.00000	-.00005	1635.87000	110.30000	569.97000	.03000
1.400	11.972	563.90000	4.32400	.17721	-.01109	.00000	.01311	1647.89999	110.30000	569.97000	.03000
1.401	15.967	562.00000	8.09800	.39804	-.00603	.00000	.00580	1637.75999	110.20000	569.87000	.00000
1.400	18.000	562.40000	10.01500	.51371	-.00692	.00000	.00310	1630.53000	110.20000	569.87000	-.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
1.451	8.074	523.90000	.52400	-.03015	-.00224	.00000	.00295	1594.48000	110.50000	570.17000	.08000
1.450	11.939	525.10000	4.32500	.16445	-.00829	.00000	.01565	1608.03000	110.40000	570.07000	.10000
1.450	16.053	523.80000	8.08700	.38592	-.00441	.00000	.01409	1598.13000	110.20000	569.87000	.07000
1.450	18.065	524.20000	9.98600	.49904	-.00795	.00000	.01449	1591.37000	110.30000	569.97000	.04000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (ZVR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.199	-3.797	3579.10001	-11.26900	-.22812	-.00484	.00000	-.00299	3627.64001	82.90000	542.57000	.04000
.200	-1.827	3576.89999	-9.30400	-.22326	-.00402	.00000	-.00245	3638.79001	82.70000	542.37000	.04000
.199	.128	3576.89999	-7.35600	-.21650	-.00424	.00000	-.00088	3649.17001	82.50000	542.17000	.04000
.200	2.188	3576.50000	-5.30300	-.20956	-.00413	.00000	.00043	3658.17001	82.40000	542.07000	.04000
.200	4.178	3574.10001	-3.31900	-.20339	-.00384	.00000	.00151	3663.39001	82.30000	541.97000	.04000
.201	6.184	3579.39999	-1.32000	-.19594	-.00352	.00000	.00258	3672.89999	82.40000	542.07000	.04000
.200	8.191	3579.00000	.68000	-.18906	-.00332	.00000	.00376	3676.39001	82.20000	541.87000	.04000
.200	10.196	3580.79999	2.67700	-.18056	-.00312	.00000	.00494	3679.32001	82.20000	541.87000	.04000
.201	12.206	3570.60001	4.67700	-.17096	-.00283	.00000	.00603	3669.92999	82.00000	541.67000	.04000
.201	14.201	3571.20001	6.66200	-.16090	-.00273	.00000	.00729	3669.26999	81.90000	541.57000	.04000
.201	16.191	3580.50000	8.64100	-.14992	-.00244	.00000	.00836	3676.20001	82.00000	541.67000	.04000
	GRADIENT	-.52064	.99684	.00316	.00009	.00000	.00060	4.54896	-.07503	-.07503	.00000

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.249	-3.792	2287.00000	-11.24900	-.24308	-.00367	.00000	-.00414	2335.29999	78.30000	537.97000	.04000
.250	-1.773	2287.29999	-9.23900	-.23439	-.00291	.00000	-.00352	2348.48001	78.90000	538.57000	.04000
.250	.184	2286.79999	-7.23900	-.22687	-.00306	.00000	-.00201	2358.67001	79.00000	538.67000	.04000
.250	2.014	2286.29999	-5.26700	-.21924	-.00316	.00000	-.00051	2366.64001	79.10000	538.77000	.04000
.250	4.008	2285.60001	-3.28000	-.21168	-.00339	.00000	.00110	2373.20999	79.20000	538.87000	.04000
.249	6.214	2283.60001	-1.27600	-.21020	-.00311	.00000	.00221	2375.76999	79.50000	539.17000	.04000
.249	8.120	2287.89999	.62200	-.20228	-.00324	.00000	.00321	2383.09000	79.60000	539.27000	.00000
.249	10.135	2291.39999	2.62800	-.19297	-.00317	.00000	.00312	2387.89001	79.50000	539.17000	.00000
.248	12.159	2293.60001	4.64200	-.18261	-.00296	.00000	.00290	2389.70999	79.50000	539.17000	.00000
.248	14.153	2293.20001	6.62500	-.17196	-.00267	.00000	.00259	2388.26999	79.50000	539.17000	.00000
.247	16.205	2286.60001	8.66500	-.15999	-.00257	.00000	.00096	2378.35001	79.40000	539.07000	-.01000
	GRADIENT	-.19506	1.02666	.00402	.00002	.00000	.00069	4.85234	.10370	.10370	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (ZVR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.398	-3.955	1797.10001	-11.23200	-.27277	-.00281	.00000	.00475	1892.00999	89.70000	549.37000	-.01000
.398	-1.919	1794.50000	-9.21100	-.25849	-.00234	.00000	.00234	1915.22000	90.70000	550.37000	.00000
.399	.045	1792.89999	-7.26000	-.24549	-.00239	.00000	.00365	1935.39000	91.60000	551.27000	-.01000
.400	2.049	1791.00000	-5.26900	-.23249	-.00145	.00000	.00145	1952.70000	92.30000	551.97000	.00000
.401	4.068	1790.10001	-3.26600	-.21644	-.00041	.00000	.00041	1966.14000	93.10000	552.77000	.00000
.401	6.054	1789.50000	-1.29500	-.20096	-.00020	.00000	.00020	1975.97000	93.90000	553.57000	.00000
.401	10.066	1789.39999	2.68000	-.16430	-.00022	.00000	.00022	1985.71001	95.20000	554.87000	.00000
.401	14.041	1789.30000	6.61500	-.12389	-.00050	.00000	.00049	1983.35001	95.90000	555.57000	.00000
.400	18.068	1789.70000	10.60000	-.08168	-.00207	.00000	.00197	1970.14999	96.50000	556.17000	.00000
	GRADIENT	-.87452	.99307	.00693	.00028	.00000	-.00048	9.28048	.41974	.41974	.00100

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (ZVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.601	-1.984	1666.00000	-9.21900	-.32528	.00547	.00000	-.00546	1968.17000	111.70000	571.37000	.00000
.602	2.113	1669.10001	-5.18800	-.25879	.00682	.00000	-.00681	2051.64999	110.20000	569.87000	.00000
.603	6.096	1663.60001	-1.27700	-.18676	.00833	.00000	-.00828	2091.39999	109.30000	568.97000	.00000
.603	10.092	1669.60001	2.64000	-.10803	.00702	.00000	-.00645	2118.81000	109.00000	568.67000	.01000
.602	14.084	1670.70000	6.54500	-.02083	.00453	.00000	-.00439	2116.31000	109.50000	569.17000	.00000
.600	18.076	1672.20000	10.44400	.07156	.00119	.00000	.00068	2093.66000	109.40000	569.07000	.01000
	GRADIENT	.75656	.98377	.01623	.00033	.00000	-.00033	20.37345	-.36608	-.36608	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (ZVR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.701	-1.948	1538.00000	-9.17100	-.33665	.00591	.00000	-.00591	1942.78999	109.60000	569.27000	.00000
.703	2.092	1535.70000	-5.21600	-.25240	.00562	.00000	-.00562	2035.23000	109.70000	569.37000	.00000
.702	6.062	1536.10001	-1.33200	-.16621	.00718	.00000	-.00737	2090.67001	109.60000	569.27000	.01000
.701	10.088	1539.10001	2.59800	-.06955	.00227	.00000	-.00223	2116.31000	110.00000	569.67000	.00000
.699	14.026	1540.80000	6.42700	.03903	.00070	.00000	.00044	2114.94000	109.70000	569.37000	.01000
.696	18.000	1544.60000	10.28600	.15438	.00082	.00000	.00101	2098.64999	109.70000	569.37000	.01000
	GRADIENT	-.56942	.97914	.02086	-.00007	.00000	.00007	22.88544	.02476	.02476	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (ZVR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETAI	PITOT	TT	TTR	PHII
.800	8.002	1404.30000	.59800	-.09551	.00376	.00000	-.00362	2103.62000	109.80000	569.47000	.01000
.800	12.022	1405.30000	4.49000	.03214	.00450	.00000	-.00362	2118.26001	109.60000	569.27000	.01000
.800	16.027	1405.00000	8.34800	.17950	.00365	.00000	-.00205	2108.66000	109.70000	569.37000	.01000
.799	18.019	1405.70000	10.26100	.25843	.00225	.00000	.00142	2096.82001	109.90000	569.57000	.02000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (ZVR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	PC	ALFI	DALF	DPSI	CA	BETA!	PITOT	TT	TTR	PHII
.599	-4.003	2584.50000	-11.13600	-.42720	.00027	.00000	-.00027	2956.63000	110.00000	569.67000	.00000
.599	-1.912	2586.10001	-9.09200	-.37954	.00320	.00000	-.00319	3044.04999	110.00000	569.67000	.00000
.599	.098	2585.70001	-7.13300	-.32923	.00622	.00000	-.00622	3111.17001	109.90000	569.57000	.00000
.599	2.071	2585.79999	-5.21000	-.27920	.00755	.00000	-.00664	3164.51001	110.20000	569.87000	-.01000
.600	4.096	2584.00000	-3.23800	-.22586	.01263	.00000	-.01260	3206.13000	110.20000	569.87000	.00000
.599	6.060	2585.89999	-1.33300	-.16748	.01293	.00000	-.01286	3235.98999	110.00000	569.67000	.00000
.600	8.066	2588.50000	.61500	-.10888	.01232	.00000	-.01220	3261.98999	110.20000	569.87000	.00000
.600	10.055	2586.50000	2.53900	-.04355	.01196	.00000	-.01178	3268.82001	110.20000	569.87000	.00000
.599	12.082	2587.60001	4.49800	.02425	.01147	.00000	-.01122	3268.54001	110.20000	569.87000	.00000
.598	14.035	2589.29999	6.38200	.09291	.00857	.00000	-.00831	3265.82999	110.10000	569.77000	.00000
.599	16.091	2590.29999	8.36600	.16506	.00845	.00000	-.00812	3256.66000	110.10000	569.77000	.00000
	GRADIENT	-.06259	.97508	.02492	.00144	.00000	-.00139	30.72630	.02953	.02953	-.00049

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (1VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.202	-3.800	.12342	-.06292	-.90333	.50917	.54336	.98629	.99902	97.80460
.200	-1.769	.11931	.02969	-.62769	.62133	.60341	.98961	1.00051	95.91440
.200	.186	.11558	.11903	-.48996	.69551	.62153	.99160	1.00210	96.57220
.200	2.183	.11190	.19038	-.35239	.77164	.64823	.99372	1.00349	96.23980
.201	4.203	.10783	.20894	-.13054	.90264	.74664	.99730	1.00444	96.88220
.200	6.211	.10813	.21097	-.06301	.95064	.78502	.99864	1.00468	96.17290
.200	8.188	.10780	.21706	-.02224	.98216	.80699	.99950	1.00497	96.39940
.200	10.192	.11433	.21518	-.00091	.99931	.82236	.99998	1.00500	96.15520
.200	12.199	.10878	.21993	.00365	1.00309	.82226	1.00008	1.00510	95.99680
.200	14.190	.11150	.17926	-.00534	.99558	.84424	.99988	1.00426	96.00370
.200	16.206	.11339	.17801	-.02815	.97675	.82916	.99936	1.00415	95.72170
.199	18.545	.11660	.13965	-.09296	.92464	.81134	.99794	1.00318	95.56930
	GRADIENT	-.00193	.03528	.09129	.04699	.03365	.00131	.00069	-.07663

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (1VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.250	-3.994	.04844	-.02848	-.93090	.51069	.52566	.97913	.99933	101.78600
.251	-1.991	.04767	.04760	-.63459	.62280	.59450	.98380	1.00127	102.40800
.251	-.002	.04780	.14946	-.47084	.70943	.61719	.98758	1.00412	102.19200
.252	2.006	.04717	.20235	-.32520	.78712	.65466	.99083	1.00596	102.92400
.252	4.003	.04770	.22127	-.12949	.90419	.74037	.99587	1.00738	103.00400
.252	6.015	.04789	.22106	-.05999	.95324	.78067	.99798	1.00780	103.12900
.252	8.011	.04951	.24200	-.01845	.98542	.79341	.99937	1.00870	103.38000
.249	10.215	.10299	.22835	-.00176	.99860	.81296	.99994	1.00817	100.84500
.248	12.197	.09944	.24568	.00357	1.00289	.80509	1.00012	1.00867	100.29200
.248	14.193	.09332	.20219	-.00173	.99858	.83064	.99994	1.00737	100.45900
.248	16.215	.12333	.17769	-.02686	.97774	.83022	.99906	1.00646	100.18500
.248	18.193	.09355	.16248	-.07461	.93975	.80840	.99746	1.00576	100.39200
.248	18.546	.09286	.16690	-.08738	.93039	.79732	.99707	1.00583	100.36100
	GRADIENT	-.00010	.03272	.09565	.04758	.02449	.00203	.00104	.14773

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.398	-3.921	.09254	-.00642	-.87488	.53177	.53520	.95163	.99960	206.27700
.399	-1.992	.08904	.05327	-.59816	.63780	.60555	.96233	1.00374	192.23200
.400	.004	.08506	.12638	-.44082	.71874	.63810	.97060	1.00941	193.21500
.401	1.955	.08228	.19372	-.34989	.77335	.64785	.97622	1.01471	193.97500
.402	4.038	.07868	.22728	-.12107	.91023	.74166	.99055	1.01982	194.26800
.402	6.021	.07456	.22234	-.05673	.95567	.78184	.99533	1.02047	195.02500
.402	8.027	.07702	.21988	-.01829	.98525	.80767	.99844	1.02094	195.15600
.402	10.060	.07771	.22922	-.00182	.99855	.81235	.99984	1.02199	195.40100
.403	12.046	.07004	.23413	.00136	1.00112	.81120	1.00012	1.02248	195.79200
.403	14.047	.06997	.20870	-.00267	.99780	.82551	.99977	1.02044	196.23600
.404	16.044	.06871	.18114	-.02427	.97987	.82960	.99786	1.01789	196.90400
.404	18.457	.06756	.16144	-.08293	.93339	.80364	.99291	1.01545	196.84500
	GRADIENT	-.00173	.03056	.08836	.04497	.02295	.00462	.00259	-1.10867

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (1VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.600	-3.926	-.04180	.04473	-.78603	.57066	.54623	.90714	1.00674	346.00200
.600	-1.919	-.04183	.08577	-.55738	.66079	.60859	.92673	1.01438	345.08200
.600	.047	-.02173	.12660	-.39288	.74144	.65812	.94419	1.02293	345.39900
.600	2.062	-.04339	.19058	-.29867	.79945	.67148	.95663	1.03531	345.38600
.600	4.067	-.02457	.22396	-.10976	.91771	.74979	.98223	1.04624	345.08600
.601	6.039	-.03523	.23736	-.05333	.95868	.77478	.99104	1.05093	347.12600
.602	8.092	-.03356	.22883	-.01839	.98527	.80180	.99680	1.05087	347.11800
.599	10.057	-.03304	.24462	-.00078	.99938	.80296	.99987	1.05401	344.47100
.600	12.033	-.02579	.24745	.00130	1.00106	.80248	1.00023	1.05469	344.36000
.599	14.076	-.01952	.22933	-.00103	.99916	.81277	.99982	1.05108	343.25000
.598	16.041	-.04037	.20553	-.01754	.98567	.81762	.99692	1.04589	341.81700
.599	18.555	-.03640	.17781	-.07138	.94286	.80053	.98770	1.03905	344.38000
	GRADIENT	.00164	.02320	.08069	.04171	.02354	.00902	.00501	-.07666

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.698	-4.032	.02723	.08138	-.72662	.59811	.55310	.88847	1.01729	400.49100
.700	-1.862	-.01281	.11656	-.54602	.67159	.60148	.90838	1.02713	402.51700
.702	.106	-.01359	.14926	-.38757	.74781	.65069	.92924	1.03788	405.57100
.702	2.124	.00724	.20246	-.26316	.82045	.68231	.94968	1.05379	404.65100
.702	4.128	-.01371	.23821	-.10054	.92490	.74697	.97893	1.06939	405.98200
.702	6.108	.00084	.25807	-.04797	.96327	.76568	.98970	1.07698	404.23900
.701	8.109	-.00470	.25086	-.01627	.98717	.78919	.99641	1.07695	404.24800
.701	10.053	-.00545	.25694	-.00202	.99841	.79432	.99955	1.07926	404.76200
.700	12.059	.00385	.26255	.00090	1.00072	.79262	1.00020	1.08056	402.72100
.698	14.072	-.00970	.24111	-.00133	.99894	.80488	.99970	1.07475	402.53100
.697	16.054	-.00664	.22467	-.01654	.98667	.80566	.99631	1.06939	400.19000
.700	18.597	-.00415	.20633	-.06317	.95025	.78772	.98613	1.06283	402.72400
	GRADIENT	-.00311	.01966	.07562	.03949	.02307	.01093	.00643	.64766

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (1VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.797	-4.033	.03576	.13083	-.63577	.64012	.56606	.87686	1.03852	460.05500
.800	-1.961	.03773	.15234	-.53082	.68463	.59412	.89159	1.04741	463.51400
.801	.024	.03749	.18349	-.40030	.74726	.63140	.91296	1.06086	463.70700
.802	1.998	.03620	.23131	-.28818	.81035	.65812	.93457	1.08019	463.29000
.799	4.038	.05047	.26907	-.09326	.93155	.73404	.97649	1.10328	460.14000
.799	5.997	.05202	.28745	-.04594	.96555	.74997	.98816	1.11285	460.23800
.799	8.010	.04222	.28185	-.01505	.98840	.77107	.99602	1.11353	459.52900
.799	10.015	.04615	.28485	-.00181	.99860	.77721	.99952	1.11587	461.87800
.798	11.997	.05414	.28707	.00161	1.00125	.77793	1.00043	1.11651	460.76300
.799	14.004	.03374	.27919	-.00040	.99969	.78151	.99989	1.11403	460.85800
.799	15.993	.04293	.26026	-.01313	.98969	.78531	.99646	1.10672	461.26900
.800	17.991	.04556	.25233	-.04371	.96629	.77159	.98839	1.10215	461.66200
	GRADIENT	.00139	.01767	.06604	.03524	.01990	.01205	.00807	-.00063

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (1VR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.599	-3.401	-.21175	.09635	-.72856	.60077	.54797	.91404	1.01449	343.03700
.598	-1.403	-.16908	.10935	-.52536	.67862	.61173	.93095	1.01830	343.15300
.599	.646	-.12516	.15345	-.36792	.75817	.65731	.94795	1.02766	343.65800
.599	2.654	-.08287	.19425	-.18020	.86890	.72757	.97175	1.03881	344.16800
.599	4.671	-.04033	.23808	-.08822	.93350	.75509	.98569	1.04919	342.41900
.600	6.702	.00224	.23721	-.03843	.96988	.78393	.99350	1.05120	344.56900
	GRADIENT	.02124	.01824	.08048	.04236	.02613	.00911	.00445	-.01076

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (1VR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.402	8.090	.07801	.21626	-.01873	.98484	.80973	.99840	1.02060	194.86400
.402	10.029	.07122	.23061	-.00136	.99890	.81171	.99988	1.02204	195.17400
.398	12.103	.07898	.22048	.00092	1.00077	.81997	1.00008	1.02085	191.25100
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 70/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.205	-1.736	.10781	-.03194	-.56054	-.01344	.63335	.65424	.98945	.99938	.99974	105.89200
.203	.234	.10590	.05895	-.36953	.04753	.74136	.70008	.99270	1.00120	1.00098	103.87900
.201	2.291	.10653	.13764	-.22431	.11294	.83532	.73426	.99544	1.00288	1.00241	101.92600
.199	4.149	.10717	.16556	-.13009	.15146	.89965	.77187	.99728	1.00356	1.00330	99.73890
.198	6.163	.10813	.15806	-.06077	.17034	.95014	.82046	.99865	1.00361	1.00385	99.70030
.199	8.167	.10856	.18046	-.01634	.17934	.98644	.83564	.99963	1.00422	1.00420	100.23000
.199	10.177	.10863	.17599	-.00170	.19517	.99866	.84921	.99996	1.00417	1.00455	99.90730
.200	12.191	.10791	-.00426	.00000	-1.00000	.00000	-35.64620	.00000	1.00428	1.00448	100.90300
.200	14.188	.10786	.15922	-.00828	.17371	.99302	.85662	.99980	1.00387	1.00417	101.61100
.200	16.186	.10768	.14293	-.03857	.16932	.96736	.84639	.99910	1.00343	1.00397	101.51700
	GRADIENT	-.00007	.03416	.07300	.02846	.04535	.01963	.00133	.00072	.00061	-1.03468

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 250/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.249	-1.876	.11068	-.00748	-.60326	.00716	.62200	.62669	.98399	.99979	1.00019	101.81300
.252	.057	.05129	.06930	-.36064	.06678	.74783	.69937	.98914	1.00218	1.00211	103.45300
.250	1.995	.05179	.15339	-.23718	.11987	.82948	.71916	.99274	1.00490	1.00395	102.26200
.250	4.120	.11117	.18121	-.13722	.16896	.89598	.75852	.99559	1.00608	1.00573	101.80200
.249	6.124	.11102	.17588	-.06433	.19333	.94818	.80636	.99781	1.00625	1.00677	101.43700
.250	8.170	.11119	.17794	-.02204	.20079	.98170	.83340	.99922	1.00658	1.00728	102.02000
.250	10.164	.11133	.17861	-.00334	.20252	.99724	.84612	.99988	1.00670	1.00742	101.91600
.250	12.193	.11155	.18150	-.00167	.20767	.99859	.84519	.99994	1.00681	1.00760	102.07900
.250	14.177	.11119	.17039	-.01002	.20177	.99160	.84723	.99964	1.00640	1.00733	101.91500
.251	15.988	.05039	.15652	-.03596	.18579	.96989	.83863	.99871	1.00587	1.00675	102.76400
	GRADIENT	.00039	.03246	.07601	.02698	.04519	.02078	.00192	.00108	.00093	-.06485

RUN NO. 77/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.396	-3.998	.07576	-.05211	-.88889	-.01282	.51607	.54444	.95036	.99676	.99923	189.81800
.397	-1.853	.07473	.02399	-.54557	.04259	.65242	.63714	.96424	1.00175	1.00306	190.27500
.398	.077	.07433	.07729	-.34550	.07900	.75719	.70287	.97490	1.00626	1.00653	191.36500
.398	2.150	.07357	.14592	-.21325	.12858	.84312	.73576	.98375	1.01241	1.01110	191.94200
.399	4.000	.07232	.18049	-.12712	.18040	.90279	.76476	.98991	1.01598	1.01597	191.95200
.399	6.023	.07741	.18229	-.05797	.19718	.95329	.80631	.99514	1.01707	1.01824	192.68700
.399	8.015	.07766	.19499	-.01910	.20420	.98430	.82368	.99836	1.01863	1.01936	192.36800
.399	10.050	.07656	.19020	-.00045	.21338	.99966	.83991	.99996	1.01852	1.02038	192.20300
.400	12.038	.08017	.20320	.00135	.21620	1.00113	.83206	1.00012	1.01967	1.02071	192.83100
.400	14.016	.08562	.18628	-.00669	.20118	.99442	.83827	.99942	1.01816	1.01937	192.74600
.399	16.046	.08973	.16721	-.03191	.19394	.97342	.83398	.99724	1.01617	1.01834	192.24300
	GRADIENT	-.00040	.02942	.09322	.02361	.04833	.02707	.00494	.00246	.00207	.29746

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 49/ 0 RN/L = 3.33 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.597	-3.912	-.03110	-.02143	-.76969	.02259	.55974	.57200	.90567	.99666	1.00337	467.74800
.598	-1.986	-.03398	.02852	-.49598	.05586	.67467	.65596	.93005	1.00512	1.00978	469.68400
.599	.064	-.03601	.09443	-.31670	.10084	.77558	.70866	.95163	1.01838	1.01952	469.86700
.599	2.044	-.03658	.17046	-.20644	.14130	.85008	.72628	.96772	1.03397	1.02888	468.73500
.600	4.048	-.03948	.20463	-.11990	.20050	.90948	.75499	.98046	1.04254	1.04182	470.57900
.600	6.067	-.04003	.21552	-.05716	.21093	.95509	.78574	.99029	1.04671	1.04589	471.81300
.600	8.052	-.03974	.22017	-.01896	.21618	.98470	.80702	.99670	1.04891	1.04818	470.99700
.599	10.064	-.03939	.22396	-.00245	.22956	.99802	.81540	.99957	1.05013	1.05115	469.25100
.599	12.054	-.03830	.22153	.00112	.23526	1.00093	.81941	1.00020	1.04983	1.05233	469.25100
.599	14.089	-.03841	.21125	-.00410	.22128	.99663	.82281	.99927	1.04775	1.04961	469.97600
.598	16.036	-.03823	.20066	-.02473	.21166	.97982	.81607	.99567	1.04473	1.04676	467.83700
	GRADIENT	-.00097	.02978	.07957	.02213	.04383	.02184	.00938	.00605	.00481	.23522

RUN NO. 257/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.699	-1.948	-.00568	.07098	-.44388	.10577	.70698	.66013	.91841	1.01808	1.02617	587.91500
.700	.086	-.00576	.11967	-.28542	.12925	.79687	.71170	.94337	1.03292	1.03520	589.03700
.701	2.068	-.00435	.17048	-.18012	.14961	.86664	.74042	.96270	1.04901	1.04367	591.26900
.701	4.043	-.00724	.22042	-.10639	.21624	.91982	.75370	.97757	1.06452	1.06338	591.47400
.702	6.053	-.00528	.22639	-.04988	.23235	.96092	.78354	.98905	1.06908	1.07032	593.83300
.702	8.087	-.00535	.23621	-.01689	.23582	.98653	.79803	.99622	1.07337	1.07312	593.73200
.701	10.054	-.00446	.23870	-.00272	.24696	.99782	.80553	.99939	1.07457	1.07671	592.21000
.700	12.048	-.00496	.23731	-.00045	.25282	.99964	.80791	.99990	1.07430	1.07838	592.01100
.699	14.091	-.00420	.23090	-.00559	.24114	.99549	.80875	.99874	1.07201	1.07471	590.08600
.698	16.021	.00308	.22674	-.02421	.23283	.98065	.79940	.99463	1.06961	1.07149	588.46900
	GRADIENT	-.00016	.02501	.05608	.01760	.03552	.01553	.00987	.00779	.00601	.64718

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 115/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.800	-1.928	.05483	.11001	-.38822	.16113	.74088	.66746	.91094	1.03846	1.05385	727.38200
.800	.088	.05206	.15058	-.25687	.17744	.81750	.71051	.93727	1.05603	1.06452	726.76200
.800	1.962	.05047	.19784	-.16788	.19562	.87708	.73222	.95771	1.07597	1.07526	727.37000
.799	3.918	.04433	.25086	-.10193	.24653	.92466	.73922	.97411	1.09705	1.09571	727.69100
.800	5.929	.04650	.25619	-.04917	.26304	.95234	.76608	.98705	1.10284	1.10502	728.81400
.800	7.964	.04279	.26240	-.01684	.26673	.98683	.78171	.99548	1.10740	1.10880	727.79600
.800	9.998	.04286	.26493	-.00176	.27709	.99862	.78947	.99952	1.10960	1.11353	727.89000
.800	11.984	.04583	.26495	.00100	.28163	1.00079	.79117	1.00027	1.10986	1.11525	727.58300
.800	13.984	.05037	.26195	-.00276	.27456	.99783	.79070	.99925	1.10856	1.11266	727.26800
.800	16.014	.05429	.26317	-.01971	.27353	.98464	.77950	.99472	1.10751	1.11083	726.85900
	GRADIENT	-.00170	.02419	.04889	.01413	.03149	.01224	.01082	.01008	.00702	.07742

RUN NO. 114/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.850	-1.986	.06616	.14587	-.37263	.19102	.75461	.65855	.90768	1.05794	1.07300	795.07600
.850	-.060	.11948	.17107	-.25358	.20294	.82201	.70193	.93297	1.07253	1.08376	795.78400
.850	1.941	.03653	.21950	-.16166	.22197	.88296	.72404	.95593	1.09596	1.09684	795.88500
.850	3.959	.04526	.27493	-.09744	.27176	.92900	.72867	.97327	1.12096	1.11986	796.60900
.850	5.921	.04847	.28200	-.04826	.28724	.96372	.75173	.98634	1.12797	1.12982	796.30200
.850	7.977	.10302	.28540	-.01637	.29069	.98743	.76819	.99527	1.13241	1.13431	796.60300
.850	9.994	.10677	.28821	-.00187	.30153	.99856	.77515	.99945	1.13494	1.13973	796.60500
.850	12.000	.05483	.28863	.00105	.30656	1.00082	.77665	1.00031	1.13519	1.14162	795.79500
.850	13.998	.09916	.28609	-.00256	.30138	.99802	.77601	.99925	1.13409	1.13959	796.39600
.850	16.000	.04033	.28791	-.01761	.30017	.98651	.76598	.99492	1.13309	1.13745	795.79100
.850	18.007	.04174	.28453	-.04997	.29513	.96255	.74934	.98591	1.12868	1.13238	796.51000
	GRADIENT	-.00743	.02200	.04619	.01321	.02942	.01167	.01107	.01073	.00776	.23678

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 52/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.902	-3.966	.12589	.17150	-.52293	.22377	.69139	.59017	.87343	1.07037	1.08790	875.83800
.903	-2.086	.11509	.18217	-.36975	.22471	.76175	.64436	.90219	1.08175	1.09734	876.74300
.902	-.097	.10329	.20952	-.25108	.23075	.82810	.68465	.92948	1.09979	1.10800	875.93300
.898	1.907	.12601	.25890	-.16398	.25308	.88476	.70280	.95305	1.12510	1.12285	869.98700
.900	3.946	.12018	.31733	-.09880	.30825	.93024	.70615	.97150	1.15481	1.15142	873.02100
.900	5.975	.08075	.32215	-.04873	.32536	.96446	.72946	.98546	1.16257	1.16379	873.93400
.899	7.994	.10163	.32300	-.01773	.32614	.98678	.74587	.99460	1.16616	1.16738	872.11200
.896	10.011	.09172	.31999	-.00297	.33486	.99776	.75589	.99909	1.16541	1.17117	867.57300
.901	12.003	.04963	.32583	.00044	.34588	1.00033	.75449	1.00013	1.17019	1.17797	873.72500
.898	14.024	.07039	.32166	-.00197	.33823	.99852	.75550	.99939	1.16732	1.17376	870.48800
.895	15.974	.06310	.32046	-.01501	.33094	.98877	.74881	.99544	1.16381	1.16784	865.84400
.896	18.011	.05068	.32696	-.04525	.33168	.96703	.72875	.98660	1.16319	1.16496	867.76600
	GRADIENT	.00000	.01866	.05305	.01003	.03028	.01458	.01245	.01074	.00772	-.62696

RUN NO. 108/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.949	-1.976	.07630	.23928	-.33963	.29369	.78490	.63335	.90536	1.11906	1.13998	933.15500
.950	-.019	.02780	.25971	-.23258	.29728	.84415	.67011	.93130	1.13717	1.15247	931.48900
.950	1.978	.08004	.29534	-.15057	.31466	.89587	.69161	.95416	1.16065	1.16864	933.34900
.951	3.955	.03080	.36430	-.09170	.35672	.93702	.68682	.97223	1.19735	1.19433	932.30000
.950	6.019	.07584	.35648	-.04424	.36914	.96842	.71392	.98609	1.20023	1.20543	930.69000
.949	7.955	.07353	.35665	-.01602	.37080	.98833	.72851	.99487	1.20407	1.20998	932.03200
.949	9.976	.07278	.36159	-.00179	.38084	.99869	.73347	.99942	1.20824	1.21627	931.83100
.950	12.045	.06039	.36296	.00063	.38515	1.00047	.73404	1.00020	1.20965	1.21890	932.72900
.950	13.979	.05329	.35950	-.00179	.37867	.99869	.73460	.99942	1.20788	1.21592	932.21700
.949	16.000	.02293	.35958	-.01564	.37854	.98863	.72715	.99499	1.20557	1.21343	931.00300
.949	17.985	.04456	.36600	-.04458	.37672	.96840	.70893	.98610	1.20380	1.20814	930.09100
	GRADIENT	-.00423	.02076	.04172	.01044	.02567	.00918	.01129	.01306	.00906	-.03449

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 105/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.978	-1.925	-.00323	.27342	-.32717	.33005	.79559	.62477	.90632	1.14454	1.16704	971.77900
.981	-.047	.02611	.28705	-.22817	.32781	.84941	.65997	.93073	1.16135	1.17861	973.15000
.980	1.955	.02747	.32916	-.14892	.34335	.89925	.67656	.95372	1.18923	1.19530	972.55800
.981	3.974	.02677	.38612	-.09056	.38072	.93868	.67720	.97179	1.22269	1.22044	975.09100
.979	6.033	.02427	.38493	-.04354	.39769	.96952	.70005	.98602	1.22820	1.23361	971.46000
.980	8.012	.01845	.38456	-.01523	.39834	.98912	.71440	.99500	1.23356	1.23954	973.36600
.979	9.979	-.01260	.38652	-.00237	.40754	.99830	.72000	.99922	1.23610	1.24522	972.26400
.980	12.042	.00313	.38914	.00082	.41297	1.00059	.72030	1.00027	1.23831	1.24864	972.75800
.979	13.949	-.02737	.38362	-.00175	.40720	.99874	.72183	.99942	1.23480	1.24506	971.35000
.975	16.022	-.04187	.37849	-.01529	.40124	.98903	.71748	.99499	1.22791	1.23769	965.40800
.980	18.030	-.01021	.39206	-.04375	.40473	.96953	.69647	.98601	1.23170	1.23703	976.45200
	GRADIENT	.00458	.01938	.03997	.00857	.02429	.00876	.01113	.01335	.00900	.47494

RUN NO. 102/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.051	-1.965	-.02874	.36969	-.31307	.43040	.81420	.59444	.90652	1.22186	1.24733	955.07300
1.048	.092	-.04657	.36774	-.21126	.42174	.86644	.63348	.93297	1.23380	1.25777	951.28300
1.050	1.953	-.00823	.40069	-.14098	.42936	.90882	.64884	.95410	1.26193	1.27505	953.06500
1.049	3.969	-.02458	.46180	-.08715	.45667	.94400	.64577	.97179	1.29970	1.29741	951.16000
1.051	6.022	-.02959	.45895	-.04178	.47446	.97246	.66655	.98601	1.30915	1.31623	954.64900
1.050	8.021	-.04148	.45529	-.01511	.47046	.99001	.68028	.99484	1.31193	1.31899	953.37300
1.050	9.992	-.03040	.45886	-.00276	.48056	.99842	.68438	.99905	1.31689	1.32701	954.05500
1.049	12.003	-.05588	.45909	.00011	.48914	1.00036	.68560	1.00004	1.31662	1.33053	952.06300
1.049	14.001	-.05704	.45313	-.00220	.48064	.99878	.68733	.99924	1.31362	1.32648	952.45500
1.049	16.023	-.05926	.45137	-.01453	.47292	.99037	.68237	.99503	1.30998	1.32003	951.85300
1.047	18.007	-.05240	.45460	-.03956	.47363	.97377	.66944	.98675	1.30481	1.31347	949.56000
	GRADIENT	.00248	.01568	.03807	.00440	.02196	.00864	.01104	.01328	.00851	-.51552

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 81/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.102	-4.231	.02364	.45058	-.45269	.56281	.76379	.52654	.87325	1.27012	1.31317	1027.39999
1.097	-3.821	-.03837	.44303	-.42266	.54955	.77490	.53699	.87995	1.26771	1.30925	1021.19000
1.100	-1.932	.05600	.44402	-.30831	.50283	.82573	.57183	.90646	1.28764	1.31299	1024.12000
1.101	.131	.05050	.43752	-.20945	.48173	.87462	.60843	.93235	1.30195	1.32255	1023.87000
1.099	2.006	-.02897	.45233	-.13869	.48108	.91462	.62976	.95371	1.32188	1.33570	1024.50999
1.098	4.060	-.02636	.50556	-.08525	.51859	.94824	.62982	.97157	1.35925	1.36535	1021.21000
1.098	6.010	-.01931	.51412	-.04516	.52984	.97290	.64255	.98464	1.37250	1.37994	1020.51000
1.099	8.012	-.03436	.51034	-.01912	.52302	.98943	.65510	.99336	1.37756	1.38372	1023.82000
1.098	9.988	-.03625	.51483	-.00589	.53446	.99803	.65884	.99795	1.38250	1.39200	1020.92000
1.098	12.021	-.02056	.51571	-.00310	.54233	.99985	.65966	.99892	1.38321	1.39603	1021.36000
1.098	14.008	.00772	.51094	-.00501	.52926	.99859	.66091	.99825	1.38044	1.38936	1023.29000
1.097	15.982	-.03715	.51038	-.01558	.52521	.99165	.65656	.99459	1.37736	1.38455	1020.96000
1.098	18.027	-.04283	.51560	-.04031	.52959	.97595	.64393	.98626	1.37415	1.38078	1021.55000
	GRADIENT	-.00362	.00525	.04513	-.00670	.02265	.01337	.01203	.01037	.00596	-.28093

RUN NO. 84/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.149	-4.230	.03930	.45541	-.41436	.57251	.78298	.53798	.87593	1.30982	1.36048	1066.59000
1.150	-2.009	.05902	.44737	-.28730	.51153	.83938	.57994	.90718	1.32882	1.36002	1068.07001
1.150	.011	.05415	.42878	-.19801	.48101	.88352	.61837	.93181	1.33580	1.36342	1066.80000
1.151	2.027	.05535	.44555	-.13156	.46520	.92212	.63790	.95323	1.36050	1.37135	1068.02000
1.151	4.114	.05286	.51344	-.08321	.50980	.95361	.63009	.97078	1.41037	1.40844	1067.72000
1.149	5.708	.03843	.50934	-.04600	.52278	.97610	.64671	.98345	1.41616	1.42337	1065.73000
1.149	8.003	.03478	.51188	-.02447	.51836	.98979	.65468	.99109	1.42303	1.42656	1066.08000
1.150	10.080	.05528	.51530	-.01281	.53343	.99753	.65831	.99530	1.42969	1.43955	1067.60001
1.149	12.084	.04742	.51928	-.00967	.54977	.99944	.65784	.99646	1.43118	1.44751	1064.98000
1.151	14.054	.05874	.51938	-.01028	.53936	.99925	.65767	.99623	1.43297	1.44379	1065.84000
1.150	16.024	.03071	.51840	-.01991	.52997	.99291	.65392	.99275	1.42899	1.43525	1067.96001
1.151	18.060	.05331	.52397	-.04043	.53467	.98001	.64306	.98551	1.42710	1.43278	1066.85001
	GRADIENT	.00116	.00547	.03956	-.00837	.02048	.01172	.01139	.01122	.00515	.10825

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 56/ 0 RN/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.200	-4.090	.04524	.43059	-.37778	.52923	.80096	.55988	.87720	1.33959	1.39046	1115.38000
1.197	-1.857	.05683	.40994	-.26805	.47641	.85034	.60310	.90636	1.34607	1.38407	1111.55000
1.201	.004	.04500	.38135	-.18919	.44879	.89063	.64475	.92913	1.34700	1.38935	1116.20000
1.198	2.104	.05922	.42150	-.13155	.43641	.92632	.65165	.95033	1.38471	1.39419	1112.39000
1.203	4.006	.04687	.49073	-.09297	.49250	.95347	.63960	.96540	1.44480	1.44588	1117.62000
1.202	6.042	.04720	.50719	-.05693	.50844	.97580	.64743	.97858	1.46367	1.46443	1116.66000
1.201	8.046	.04632	.51755	-.03636	.50951	.98885	.65161	.98624	1.47552	1.47062	1116.59000
1.199	10.042	.06992	.52057	-.02378	.53058	.99661	.65542	.99096	1.47888	1.48490	1114.41000
1.203	12.036	.06196	.52715	-.02137	.56176	.99896	.65413	.99186	1.48873	1.50927	1118.71001
1.201	14.011	.05374	.52803	-.02144	.54316	.99863	.65354	.99186	1.48715	1.49620	1116.38000
1.200	16.020	.04726	.53328	-.02721	.52799	.99479	.64880	.98975	1.48717	1.48401	1114.50999
1.200	18.002	.04626	.53958	-.04306	.53315	.98488	.63970	.98401	1.48587	1.48209	1114.84000
	GRADIENT	.00033	.00641	.03514	-.00580	.01893	.01040	.01095	.01228	.00591	.24418

RUN NO. 88/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.299	-1.931	.01934	.22687	-.22214	.40147	.87473	.71298	.90209	1.27671	1.42866	1081.74001
1.299	-.060	.01592	.27912	-.17620	.38241	.90790	.70979	.92271	1.33855	1.42917	1081.91000
1.299	1.936	.01753	.33137	-.13906	.38904	.93550	.70266	.93959	1.39859	1.44853	1079.47000
1.300	4.028	.01133	.41983	-.10761	.46122	.96065	.67660	.95496	1.48713	1.52000	1081.55000
1.299	5.939	.01910	.40812	-.07733	.46624	.97940	.69554	.96675	1.48582	1.53300	1083.73000
1.300	7.974	.01730	.38146	-.05855	.46058	.99138	.71763	.97401	1.46923	1.53585	1082.00999
1.299	9.940	.01724	.43175	-.04996	.49363	.99836	.69730	.97846	1.51534	1.56477	1081.55000
1.300	12.007	.01774	.59892	-.04864	.61742	1.00272	.62712	.98114	1.64303	1.65531	1084.07001
1.300	13.936	.01556	.57973	-.05087	.58639	1.00112	.63373	.98006	1.62958	1.63414	1083.92000
1.299	15.981	.00760	.51332	-.05641	.49972	.99608	.65821	.97704	1.57840	1.56818	1082.81000
1.301	17.985	.00472	.53008	-.06992	.49985	.98848	.64603	.97205	1.58807	1.56571	1083.00000
	GRADIENT	-.00113	.03184	.01910	.00960	.01433	-.00591	.00881	.03484	.01495	-.14650

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR004) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 97/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.400	-3.954	-.11036	.12593	-.27239	.15420	.85740	.76151	.86644	1.19644	1.23464	1125.03000
1.400	-1.985	-.10562	.12192	-.21592	.16189	.89308	.79603	.88932	1.19891	1.25503	1129.27000
1.399	-.031	-.08954	.14655	-.17487	.16857	.92370	.80564	.90931	1.24156	1.27262	1125.12000
1.400	1.958	-.08402	.17702	-.13980	.17543	.95188	.80872	.92719	1.29338	1.29114	1127.96001
1.399	3.976	-.07027	.21119	-.11565	.18918	.97183	.80238	.94026	1.34677	1.31639	1127.35001
1.400	5.945	-.05978	.21906	-.09170	.21902	.99047	.81249	.95202	1.36481	1.36475	1127.53999
1.401	8.006	-.04759	.22405	-.07230	.24451	1.00604	.82189	.96172	1.37830	1.40606	1127.66000
1.399	9.955	-.02642	.23318	-.07009	.27464	1.00729	.81682	.96314	1.38961	1.44397	1126.31000
1.401	11.966	-.01489	.23795	-.06758	.30016	1.01015	.81599	.96448	1.39858	1.47873	1126.23000
1.401	14.006	-.00833	.24231	-.06809	.30231	1.00976	.81281	.96435	1.40395	1.48076	1126.06000
1.400	15.969	.00264	.24052	-.07210	.30633	1.00642	.81129	.96233	1.39985	1.48360	1127.03000
1.399	18.004	.01303	.23904	-.07992	.29846	.99998	.80706	.95848	1.39452	1.47006	1128.17999
	GRADIENT	.00514	.01141	.01966	.00422	.01452	.00475	.00936	.01998	.01008	.16863

RUN NO. 58/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.548	-3.916	-.13817	.12671	-.33216	.16777	.87314	.77494	.83014	1.25512	1.32592	1056.53000
1.549	-1.929	-.13804	.14609	-.27928	.15300	.90946	.79353	.85375	1.30166	1.31404	1056.37000
1.550	.009	-.13527	.15456	-.23722	.16241	.93875	.81308	.87271	1.32753	1.34184	1056.48000
1.551	2.017	-.13365	.16365	-.20463	.17034	.96285	.82743	.88826	1.35348	1.36581	1056.59000
1.552	4.012	-.13305	.19218	-.18195	.20462	.98277	.82435	.90106	1.41414	1.43641	1057.35001
1.551	6.030	-.13215	.22421	-.16263	.24187	.99933	.81631	.91239	1.47764	1.50794	1057.11000
1.550	8.072	-.12939	.23656	-.14588	.25963	1.01237	.81870	.92118	1.50501	1.54411	1056.75999
1.549	10.056	-.12289	.24802	-.14123	.29398	1.01608	.81415	.92412	1.52541	1.60065	1056.30000
1.548	12.089	-.12164	.26124	-.13589	.31594	1.02038	.80903	.92740	1.54875	1.63607	1055.58000
1.547	14.077	-.12430	.26767	-.13002	.32106	1.02502	.80859	.93062	1.56168	1.64651	1055.11000
1.548	16.089	-.12482	.27353	-.13532	.31719	1.02191	.80243	.92835	1.57017	1.63927	1056.13000
	GRADIENT	.00074	.00750	.01894	.00461	.01376	.00669	.00890	.01869	.01379	.09418

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (1VR005) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 54/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.899	-3.948	.09855	.18135	-.52996	.21078	.69032	.58435	.87362	1.07306	1.08286	425.24400
.901	-2.075	.06819	.18372	-.37185	.21161	.76095	.64285	.90219	1.08179	1.09204	426.96700
.902	-.043	.06692	.20481	-.24740	.23084	.82965	.68861	.93017	1.09797	1.10808	428.18100
.899	1.912	.09827	.23157	-.15894	.26806	.88570	.71916	.95332	1.11495	1.12924	425.64700
.901	4.013	.07074	.27787	-.09311	.28949	.93209	.72941	.97221	1.14040	1.14495	426.65800
.901	5.955	.07160	.29359	-.04829	.32617	.96402	.74523	.98527	1.15163	1.16432	426.65700
.900	7.975	.07211	.29900	-.01759	.33029	.98664	.75954	.99453	1.15717	1.16954	426.15100
.899	9.994	.10249	.31400	-.00313	.34851	.99763	.75923	.99903	1.16450	1.17791	425.24100
.898	12.001	.10169	.32181	.00067	.36732	1.00052	.75693	1.00021	1.16729	1.18459	423.92600
.896	13.988	.10029	.31793	-.00112	.35275	.99915	.75812	.99965	1.16495	1.17830	422.91400
.896	16.034	.10189	.30428	-.01458	.33311	.98895	.75824	.99551	1.15798	1.16921	423.83200
	GRADIENT	-.00127	.01217	.05442	.01078	.03051	.01832	.01245	.00845	.00812	.07380

RUN NO. 55/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.198	-3.971	.04792	.43317	-.37520	.38285	.80213	.55969	.87828	1.33998	1.31142	569.77600
1.201	-1.989	.04010	.40084	-.26691	.36849	.85051	.60714	.90587	1.34321	1.32298	568.00500
1.199	.078	.04963	.36679	-.18284	.37297	.89285	.65325	.93072	1.33670	1.34083	568.47500
1.202	2.000	.04339	.35906	-.12621	.37910	.92663	.68182	.94999	1.34581	1.35981	570.43200
1.199	4.043	.05307	.42838	-.08659	.41298	.95443	.66820	.96644	1.40224	1.39201	568.07100
1.201	6.037	.04176	.46723	-.05368	.47691	.97677	.66572	.97925	1.43835	1.44449	568.84000
1.201	7.984	.04268	.47402	-.03377	.48284	.98996	.67160	.98682	1.44943	1.45506	568.85600
1.199	10.068	.05987	.50215	-.02192	.54650	.99772	.66420	.99155	1.46864	1.49540	569.38200
1.203	12.004	.04966	.54470	-.02071	.62600	.99943	.64700	.99221	1.49871	1.54449	570.34400
1.203	13.983	.04857	.52511	-.02024	.58693	.99956	.65540	.99228	1.48710	1.52323	570.43700
1.195	16.063	.05945	.50445	-.02534	.51425	.99494	.66133	.99031	1.46501	1.47098	567.74800
	GRADIENT	.00069	-.00257	.03588	.00354	.01902	.01457	.01101	.00635	.00989	-.05059

DATE 13 FEB 80 OA232 (AEDC 16T TF431)

OA232 AEDC 16T TF431 LFN.1S RA .2P/S LOW RN (1VR005) (26 JUL 78)

PARAMETRIC DATA

BETA = .000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 60/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.548	-3.832	-.13333	.13228	-.31321	.15588	.88172	.77871	.83598	1.26743	1.30871	680.57900
1.551	-1.943	-.13471	.14160	-.27208	.13184	.91414	.80076	.85622	1.29584	1.27784	680.86900
1.549	.059	-.13346	.15661	-.22968	.13925	.94362	.81585	.87634	1.33241	1.30007	679.69600
1.550	2.067	-.13393	.17415	-.19735	.14793	.96862	.82496	.89256	1.37423	1.32514	678.72700
1.550	4.112	-.13446	.19509	-.17514	.17473	.98702	.82589	.90454	1.41997	1.38266	680.18700
1.550	6.042	-.13399	.21187	-.15390	.21663	1.00400	.82847	.91586	1.45731	1.46575	680.64300
1.549	8.081	-.13283	.23148	-.13878	.25588	1.01670	.82559	.92439	1.49757	1.53934	679.44500
1.547	10.091	-.12934	.24[illegible]7	-.13312	.28812	1.02134	.81801	.92814	1.52782	1.59301	678.46800
1.548	12.081	-.12857	.26349	-.13125	.31651	1.02423	.81064	.92979	1.55509	1.63993	679.47900
1.545	14.063	-.12931	.26841	-.12419	.32273	1.02832	.81072	.93357	1.56283	1.64894	680.11300
1.552	16.095	-.12875	.27242	-.13080	.31656	1.02682	.80698	.93034	1.57419	1.64485	681.54300
	GRADIENT	-.00007	.00796	.01820	.00277	.01330	.00593	.00871	.01929	.00992	-.14627

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

PARAMETRIC DATA

BETA = 2.000 PHI = .000

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

RUN NO. 71/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.201	-1.814	1.95195	.04290	-.67831	-.05341	.60591	.58099	.98903	1.00071	.99902	102.38000
.203	.154	2.06877	.10001	-.42695	.01267	.72048	.65498	.99206	1.00191	1.00026	104.60200
.203	2.179	2.05506	.21436	-.27343	.09033	.81626	.67218	.99477	1.00422	1.00198	104.66600
.202	4.153	2.01703	.24089	-.16171	.11286	.88477	.71301	.99675	1.00498	1.00260	103.72800
.203	6.085	1.98186	.22700	-.07646	.12008	.94144	.76727	.99834	1.00508	1.00295	104.38300
.201	7.845	1.77524	.25076	-.03549	.13495	.97250	.7[illegible]52	.99924	1.00554	1.00329	101.81400
.201	9.843	1.70506	.21962	-.00430	.14469	.99648	.81704	.99990	1.00514	1.00361	102.52400
.201	11.747	1.82228	-.00550	.00000	-1.00000	.00000	-35.17630	.00000	1.00553	1.00367	102.20900
.202	13.750	1.81071	.21329	-.00509	.13062	.99580	.82075	.99988	1.00506	1.00332	103.38700
.201	15.741	1.83597	.18698	-.03273	.12121	.97326	.81994	.99926	1.00437	1.00300	102.00600
.200	17.724	1.86563	.17475	-.07944	.10932	.93673	.79739	.99826	1.00394	1.00261	101.23300
	GRADIENT	.00907	.03558	.08545	.02894	.04679	.02072	.00130	.00076	.00063	.20563

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 251/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.250	-1.985	2.03946	.06849	-.75889	-.03439	.58473	.54725	.98229	1.00167	.99907	102.40000
.250	.185	2.06044	.12369	-.44655	.01860	.71564	.63687	.98793	1.00349	1.00058	101.88800
.250	2.161	2.05204	.20320	-.27914	.08369	.81172	.67463	.99202	1.00607	1.00277	101.81500
.250	4.125	2.04723	.24864	-.16835	.12878	.88125	.70577	.99496	1.00778	1.00445	101.91500
.250	6.096	1.95942	.24360	-.08633	.13575	.93513	.75196	.99724	1.00813	1.00496	102.14700
.251	7.930	1.99093	.24710	-.03882	.14822	.96981	.77765	.99871	1.00858	1.00559	102.66400
.253	10.021	2.07510	.26431	-.00880	.15683	.99312	.78550	.99970	1.00942	1.00611	104.32300
.250	11.940	1.89671	.24755	-.00176	.15552	.99866	.80049	.99994	1.00882	1.00598	102.35500
.251	13.902	1.92066	.22746	-.00954	.14208	.99228	.80840	.99967	1.00822	1.00552	102.82200
.250	15.709	1.82131	.21714	-.03269	.13219	.97391	.80016	.99889	1.00770	1.00504	101.96800
	GRADIENT	.00081	.03051	.09597	.02730	.04867	.02543	.00208	.00103	.00090	-.07685

RUN NO. 78/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.401	-1.955	2.15572	.07089	-.66861	-.01735	.61563	.57488	.95972	1.00477	.99873	194.00300
.401	.036	2.07651	.14148	-.41568	.03371	.73307	.64221	.97203	1.01063	1.00280	193.78100
.401	2.050	2.08129	.18896	-.25571	.09713	.82302	.69222	.98140	1.01535	1.00855	194.15800
.401	4.012	2.07505	.24502	-.15279	.13178	.89072	.71542	.98852	1.02057	1.01217	194.44000
.402	6.031	2.08018	.26276	-.07750	.14438	.94220	.74614	.99391	1.02308	1.01399	194.35700
.402	7.898	1.95829	.25739	-.03288	.15087	.97452	.77503	.99731	1.02354	1.01508	195.07400
.403	9.941	2.01127	.25390	-.00602	.15580	.99525	.79372	.99949	1.02386	1.01588	195.95700
.403	11.847	1.83347	.24933	.00046	.16560	1.00039	.80075	1.00004	1.02363	1.01682	195.69700
.402	13.841	1.88477	.23125	-.00547	.14941	.99560	.80861	.99953	1.02206	1.01527	195.48900
.402	15.870	1.88985	.22110	-.02678	.14835	.97855	.80137	.99774	1.02086	1.01488	194.71400
	GRADIENT	-.01192	.02861	.08578	.02566	.04597	.02370	.00481	.00262	.00231	.08470

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 258/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.700	-1.942	1.99182	.13428	-.52865	.04906	.68210	.60135	.91138	1.03121	1.01233	589.96700
.700	.041	1.99897	.18084	-.34809	.07452	.77233	.65405	.93641	1.04584	1.02076	590.77300
.700	2.017	1.97667	.22102	-.22111	.11468	.84668	.69343	.95718	1.05939	1.03375	590.46000
.701	3.980	1.98801	.27688	-.13615	.17161	.90365	.70770	.97305	1.07608	1.05139	590.96300
.701	6.002	2.03808	.29743	-.07456	.17506	.94566	.72888	.98479	1.08423	1.05474	591.57600
.701	7.987	2.00879	.30283	-.03248	.17996	.97568	.74889	.99319	1.08819	1.05786	592.70600
.701	9.983	2.09878	.31735	-.00807	.18527	.99392	.75448	.99830	1.09306	1.06038	592.19600
.701	11.940	1.94343	.30923	-.00144	.19037	.99892	.76298	.99969	1.09149	1.06195	591.69100
.700	13.869	1.94561	.29904	-.00445	.18233	.99659	.76717	.99905	1.08874	1.05945	590.57900
.698	15.856	1.97539	.28942	-.02135	.17610	.98372	.76292	.99547	1.08503	1.05672	588.65100
.697	17.909	1.98493	.26642	-.05671	.16498	.95715	.75579	.98812	1.07718	1.05196	586.93300
	GRADIENT	-.00171	.02370	.06610	.02065	.03744	.01817	.01043	.00750	.00659	.13555

RUN NO. 116/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.800	-3.993	2.19080	.15966	-.69617	.08571	.62488	.53885	.87098	1.04510	1.02586	726.95900
.800	-1.945	2.05774	.16913	-.46045	.10498	.71745	.61366	.90284	1.05439	1.03572	726.96300
.800	-.103	2.07723	.20438	-.32042	.12267	.78986	.65582	.92772	1.07028	1.04525	726.85900
.800	2.034	2.05185	.24864	-.19714	.16123	.86365	.69167	.95311	1.09013	1.06285	727.58000
.800	3.997	2.07416	.30808	-.12421	.20390	.91328	.69818	.97017	1.11280	1.08111	728.60400
.799	5.983	2.14500	.33497	-.06777	.20178	.95169	.71289	.98340	1.12500	1.08364	727.79800
.800	7.938	2.04475	.33521	-.02982	.21145	.97816	.73259	.99248	1.12884	1.08958	728.90600
.800	10.015	2.10130	.34343	-.00614	.21434	.99545	.74098	.99843	1.13340	1.09211	728.29800
.800	11.935	1.89652	.33317	-.00013	.22175	.99991	.75002	.99997	1.13099	1.09514	728.09100
.800	13.922	1.91091	.32489	-.00223	.21557	.99833	.75352	.99942	1.12840	1.09286	728.49600
.800	15.918	1.91535	.32099	-.01589	.21583	.98812	.74802	.99591	1.12577	1.09188	727.37700
.800	17.964	1.95964	.31686	-.04781	.20697	.96497	.73278	.98794	1.12180	1.08680	727.98500
	GRADIENT	-.01203	.01887	.07044	.01468	.03621	.01985	.01245	.00858	.00690	.19686

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 113/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.850	-1.921	2.02585	.20743	-.43516	.13632	.73508	.60880	.90027	1.07624	1.05324	795.48000
.850	.083	2.04031	.23968	-.29463	.14959	.80798	.65176	.92771	1.09431	1.06347	798.04600
.849	1.911	2.02590	.27403	-.19503	.18292	.86725	.68071	.95008	1.11239	1.08080	795.59500
.850	3.916	2.09145	.33497	-.12003	.23233	.91751	.68729	.96894	1.13905	1.10448	798.24500
.850	6.055	2.08356	.35615	-.06244	.22870	.95598	.70493	.98343	1.15149	1.10737	795.48500
.850	7.947	2.05999	.36002	-.02901	.23495	.97912	.71993	.99214	1.15634	1.11236	796.82000
.850	10.052	2.07240	.36725	-.00585	.24109	.99575	.72828	.99840	1.16131	1.11666	795.48600
.850	11.914	1.82452	.35887	.00012	.24692	1.00009	.73597	1.00003	1.15951	1.11960	797.53000
.850	13.904	1.94492	.35185	-.00160	.24053	.99883	.73886	.99956	1.15686	1.11685	794.76400
.850	15.960	1.96682	.34947	-.01544	.24061	.98869	.73265	.99574	1.15456	1.11575	796.09300
.850	17.893	1.89778	.34828	-.04437	.23463	.96814	.71806	.98800	1.15110	1.11117	798.24300
.850	18.929	1.89398	.34211	-.06567	.23215	.95336	.71034	.98243	1.14680	1.10851	797.01200
	GRADIENT	.00953	.02158	.05403	.01661	.03136	.01366	.01181	.01068	.00884	.31164

RUN NO. 53/ 0 RN/L = 4.09 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.901	-3.993	2.11363	.25925	-.62939	.16462	.66675	.52948	.86356	1.09516	1.06534	875.55300
.901	-1.992	2.05915	.25570	-.43033	.16558	.74477	.59311	.89557	1.10502	1.07327	874.33300
.902	-.031	2.09186	.28167	-.29657	.18166	.81209	.63362	.92298	1.12396	1.08671	875.33300
.901	1.956	2.05706	.31583	-.19328	.21813	.87193	.66264	.94755	1.14516	1.10830	876.27000
.899	3.998	2.12144	.38272	-.11863	.26698	.92099	.66608	.96776	1.17570	1.13376	871.19500
.900	5.974	2.14127	.39911	-.06597	.26283	.95497	.68255	.98158	1.18853	1.13755	872.39400
.900	7.870	1.98775	.39860	-.03154	.27074	.97795	.69924	.99099	1.19248	1.14390	872.71700
.899	9.976	2.05688	.41270	-.00810	.27498	.99430	.70383	.99767	1.20046	1.14799	872.11000
.900	11.929	1.85725	.39956	-.00058	.28579	.99959	.71422	.99983	1.19747	1.15374	873.93000
.899	13.877	1.85070	.39262	-.00138	.27600	.99901	.71736	.99960	1.19393	1.14879	871.10300
.900	15.937	1.86382	.39200	-.01287	.27129	.99084	.71181	.99626	1.19288	1.14616	873.32800
.900	17.933	1.89382	.39940	-.03947	.26800	.97257	.69499	.98880	1.19164	1.14192	872.30800
	GRADIENT	.00071	.01544	.06311	.01293	.03188	.01717	.01306	.01010	.00863	-.34356

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 109/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.949	-4.034	1.98262	.30008	-.56672	.25252	.69642	.53568	.86636	1.12641	1.11042	931.51300
.950	-1.959	2.04477	.31414	-.40023	.23307	.76655	.58331	.89714	1.14433	1.11412	932.00600
.949	-.034	2.08820	.32888	-.27832	.23654	.82683	.62220	.92381	1.16077	1.12426	930.70100
.949	1.998	2.08670	.35476	-.17894	.26661	.88333	.65202	.94865	1.18183	1.14616	931.20500
.950	3.973	2.06688	.41583	-.11317	.31016	.92599	.65402	.96738	1.21427	1.17271	932.51600
.951	6.040	2.07599	.43403	-.06070	.30664	.95939	.66902	.98209	1.22907	1.17762	933.22400
.950	7.898	2.00234	.43710	-.02834	.31312	.98066	.68239	.99148	1.23470	1.18400	931.40400
.950	9.938	2.09564	.43998	-.00681	.31474	.99530	.69119	.99793	1.23937	1.18755	933.34100
.951	11.944	1.88598	.43535	-.00022	.32363	.99985	.69659	.99993	1.23923	1.19285	932.50700
.950	13.959	1.92110	.43085	-.00144	.31449	.99899	.69818	.99956	1.23658	1.18797	930.18100
.950	15.980	1.94944	.42639	-.01303	.31377	.99096	.69473	.99601	1.23346	1.18653	931.49000
.949	17.944	1.91873	.43280	-.03841	.31447	.97390	.67972	.98851	1.23121	1.18312	930.08300
	GRADIENT	.01056	.01361	.05654	.00743	.02885	.01531	.01270	.01067	.00783	.06108

RUN NO. 106/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.981	-4.081	1.97967	.35579	-.56429	.29614	.70611	.52081	.86491	1.15764	1.13724	974.49000
.980	-1.928	2.05338	.35215	-.38931	.26986	.77645	.57423	.89726	1.17196	1.14032	972.65100
.978	-.014	2.04817	.36191	-.27208	.26776	.83349	.61200	.92367	1.18746	1.14899	969.21700
.979	2.026	2.03891	.38667	-.17560	.29381	.88761	.64010	.94843	1.20983	1.17088	971.75600
.979	3.994	2.05837	.44781	-.11136	.33424	.92858	.64137	.96722	1.24361	1.19730	972.47000
.979	5.991	2.12303	.45886	-.06145	.33154	.95959	.65776	.98146	1.25562	1.20236	971.45900
.979	7.940	2.00059	.46509	-.02838	.33918	.98100	.66959	.99129	1.26371	1.21040	970.64100
.980	9.961	1.99623	.46983	-.00667	.34412	.99548	.67728	.99793	1.27005	1.21629	972.67100
.980	11.932	1.91032	-.21173	.00000	-1.00000	.00000	-1.49251	.00000	1.26861	1.21993	972.75500
.979	13.945	1.92452	.45491	-.00119	.34038	.99919	.68677	.99962	1.26450	1.21482	970.03200
.981	15.893	1.94593	.45231	-.01182	.33758	.99193	.68300	.99629	1.26316	1.21325	972.84300
.979	17.969	1.95422	.46177	-.03803	.33725	.97465	.66676	.98838	1.26066	1.20810	969.01100
	GRADIENT	.00721	.01081	.05580	.00491	.02769	.01532	.01274	.01042	.00747	-.24724

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 103/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.051	-4.011	1.97852	.46649	-.53032	.40320	.73465	.50096	.86646	1.23626	1.21342	955.15100
1.050	-1.942	1.96724	.44830	-.36978	.36909	.79684	.55019	.89787	1.24869	1.21660	954.37700
1.049	-.019	1.98685	.45136	-.25895	.35404	.84884	.58486	.92403	1.26575	1.22344	954.29400
1.050	2.009	2.02050	.46953	-.16822	.36502	.89756	.61078	.94840	1.28937	1.24218	955.07700
1.048	4.018	2.01674	.52301	-.10579	.41187	.93530	.61411	.96745	1.32256	1.27401	952.60000
1.048	6.058	2.06260	.53867	-.05849	.40734	.96364	.62628	.98165	1.33862	1.27996	951.99600
1.049	7.995	1.99003	.53867	-.02772	.41014	.98257	.63858	.99113	1.34574	1.28724	952.28300
1.050	10.014	2.15290	.55577	-.00696	.41777	.99585	.64010	.99776	1.35903	1.29615	954.46300
1.049	11.998	1.95422	.53547	-.00070	.42432	.99982	.65115	.99977	1.35037	1.29931	951.87700
1.049	13.933	1.98267	.52973	-.00174	.41118	.99915	.65315	.99943	1.34797	1.29279	952.37200
1.051	15.966	2.00396	.52507	-.01147	.40381	.99284	.65102	.99625	1.34541	1.28859	954.95400
1.050	17.958	2.01044	.53106	-.03420	.40422	.97843	.63905	.98904	1.34178	1.28365	952.66100
	GRADIENT	.00646	.00671	.05252	.00066	.02509	.01434	.01262	.01066	.00734	-.22059

RUN NO. 82/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.101	-3.861	1.88250	.55151	-.50238	.49263	.75698	.48790	.86979	1.30563	1.28377	1025.55000
1.101	-1.934	2.03492	.53253	-.36568	.44298	.80905	.52792	.89743	1.31945	1.28222	1027.07001
1.098	.011	1.99787	.52461	-.25676	.41418	.85749	.56243	.92357	1.33248	1.28300	1022.27000
1.097	1.967	2.02256	.53531	-.17198	.41926	.90102	.58649	.94663	1.35425	1.29978	1020.76000
1.098	4.069	1.99743	.58980	-.10630	.47188	.93912	.59071	.96676	1.39272	1.33937	1022.36000
1.102	6.028	2.08426	.60087	-.06007	.46003	.96588	.60335	.98074	1.41225	1.34607	1025.82001
1.101	7.940	1.91656	.59376	-.02956	.46323	.98386	.61732	.99030	1.41660	1.35401	1026.64999
1.099	10.041	2.06116	.60207	-.00986	.47412	.99586	.62161	.99675	1.42327	1.36225	1022.55000
1.101	11.953	1.94800	.59285	-.00381	.47861	.99970	.62761	.99873	1.42256	1.36750	1024.85001
1.100	13.871	1.91693	.58131	-.00489	.46339	.99895	.63173	.99836	1.41631	1.35861	1025.72000
1.101	15.911	1.91806	.57636	-.01406	.45771	.99323	.63008	.99530	1.41237	1.35413	1025.06000
1.101	17.912	1.94513	.58136	-.03580	.46155	.97931	.61966	.98821	1.40929	1.35157	1026.36000
	GRADIENT	.01084	.00418	.04977	-.00313	.02306	.01331	.01229	.01062	.00659	-.63714

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 85/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.149	-3.928	2.01002	.55197	-.46564	.49114	.77373	.49854	.87083	1.34779	1.32209	1066.72000
1.151	-1.962	2.04859	.53713	-.33774	.44844	.82479	.53658	.89903	1.36539	1.32373	1068.25000
1.151	.008	2.05114	.52372	-.23798	.40391	.87015	.57107	.92425	1.37950	1.31766	1067.69000
1.148	2.044	2.04377	.52267	-.15917	.39373	.91060	.59803	.94707	1.39444	1.32462	1065.71001
1.149	4.047	2.03303	.58195	-.10392	.45866	.94382	.59662	.96551	1.43838	1.37471	1066.78000
1.150	6.039	2.08258	.59219	-.05992	.45544	.96943	.60886	.97969	1.45613	1.38376	1066.36000
1.149	7.933	1.93581	.58607	-.03288	.46385	.98540	.62128	.98064	1.45984	1.39433	1065.05000
1.149	9.940	2.07975	.59836	-.01508	.47988	.99639	.62339	.99477	1.47074	1.40776	1065.19000
1.149	11.887.	1.86793	.58772	-.01010	.50126	.99943	.62951	.99646	1.46735	1.42155	1064.92999
1.148	13.900	1.90021	.58225	-.00953	.47860	.99970	.63182	.99666	1.46351	1.40771	1065.19000
1.150	15.857	1.87983	.58061	-.01868	.47208	.99424	.62902	.99346	1.46283	1.40406	1066.96001
1.150	17.910	1.92817	.59033	-.03741	.47293	.98284	.61801	.98713	1.46198	1.39960	1065.89999
1.148	18.951	1.95715	.59776	-.05158	.47705	.97426	.60976	.98252	1.45914	1.39637	1065.20000
	GRADIENT	.00204	.00231	.04515	-.00594	.02133	.01289	.01189	.01054	.00534	-.12254

RUN NO. 57/ 0 RN/L = 3.92 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.200	-4.012	2.07164	.53722	-.44267	.44479	.78610	.51138	.86857	1.38697	1.34089	1115.08000
1.202	-1.980	2.04860	.52234	-.32393	.40428	.83499	.54849	.89675	1.40458	1.33946	1115.64000
1.201	-.016	2.05734	.49356	-.23064	.37164	.87709	.58725	.92134	1.40862	1.33503	1114.89999
1.201	2.000	2.05280	.49038	-.15996	.37758	.91439	.61353	.94300	1.42415	1.35333	1114.89999
1.200	3.978	2.08634	.57489	-.11512	.43674	.94347	.59907	.95996	1.48494	1.40383	1114.11000
1.201	6.018	2.09593	.58047	-.07256	.43759	.96807	.61252	.97419	1.50115	1.41534	1114.12000
1.200	7.937	2.07834	.59401	-.04618	.44776	.98396	.61728	.98345	1.51644	1.42861	1115.09000
1.202	9.993	2.11113	.60788	-.02767	.48217	.99555	.61917	.99004	1.53164	1.45746	1114.81000
1.198	11.886	1.84725	.59038	-.02219	.51428	.99824	.62767	.99193	1.51989	1.47564	1112.84000
1.196	13.858	1.87298	.59212	-.02291	.47577	.99748	.62651	.99169	1.51813	1.44914	1109.84000
1.204	15.934	1.90877	.59762	-.02644	.45879	.99651	.62374	.99040	1.52868	1.44449	1119.03999
1.202	17.947	1.93565	.60898	-.03969	.46114	.98836	.61428	.98583	1.52883	1.44097	1117.64999
	GRADIENT	.00167	.00216	.04105	-.00216	.01975	.01206	.01148	.01079	.00699	-.13376

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 89/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.300	-4.010	1.88875	.44710	-.37439	.18114	.82085	.56724	.86869	1.43419	1.21552	1081.23000
1.301	-1.957	2.02013	.47002	-.29031	.23013	.86304	.58710	.89456	1.47331	1.27692	1081.71001
1.300	-.020	2.02373	.45479	-.21817	.22660	.89869	.61775	.91663	1.48183	1.28473	1081.44000
1.299	1.989	2.04828	.46637	-.16743	.24737	.92722	.63232	.93456	1.50437	1.31450	1080.69000
1.300	4.021	2.04597	.53917	-.12970	.25570	.95302	.61918	.95034	1.57193	1.33246	1081.11000
1.299	6.015	2.11577	.56810	-.09533	.27109	.97380	.62101	.96341	1.60302	1.35499	1080.69000
1.300	7.960	2.02609	.57864	-.06720	.28221	.99126	.62792	.97390	1.62305	1.37412	1084.31000
1.300	9.999	2.13198	.60516	-.05334	.32551	1.00020	.62311	.97944	1.64651	1.42112	1081.78000
1.301	11.906	1.89701	.60226	-.05096	.40791	1.00170	.62518	.98029	1.64611	1.49802	1081.05000
1.300	13.940	1.94493	.59453	-.04727	.38421	1.00353	.62936	.98160	1.64087	1.47708	1082.53000
1.299	15.926	1.95538	.59338	-.05884	.36159	.99622	.62523	.97726	1.63418	1.45224	1082.94000
1.299	17.954	1.94618	.59437	-.07209	.40123	.98831	.61987	.97238	1.62971	1.48368	1083.45000
	GRADIENT	.01716	.00906	.03059	.00833	.01642	.00743	.01016	.01535	.01359	-.06246

RUN NO. 98/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.401	-4.020	1.91267	.19871	-.31408	.12747	.84398	.70407	.85757	1.28695	1.19571	1127.28999
1.401	-1.993	1.98557	.20450	-.25001	.10856	.88217	.73240	.88206	1.30743	1.17732	1126.53000
1.401	-.015	1.97644	.22591	-.20183	.12154	.91455	.74602	.90303	1.34569	1.20329	1128.32001
1.402	1.977	1.98307	.25149	-.16176	.14048	.94358	.75396	.92142	1.38967	1.23886	1129.48000
1.399	4.008	2.02120	.26911	-.12178	.19045	.97132	.76535	.94000	1.42129	1.31784	1126.23000
1.400	6.072	2.05652	.27839	-.09952	.19160	.98791	.77277	.95048	1.44062	1.32535	1126.10001
1.401	8.039	2.11415	.26661	-.08512	.22541	.99807	.78798	.95680	1.43094	1.37660	1127.82001
1.400	10.071	2.19329	.32297	-.07701	.25513	1.00631	.76064	.96228	1.50334	1.41910	1126.67999
1.402	11.999	1.98182	.30492	-.07121	.28837	1.01039	.77429	.96448	1.48518	1.46473	1129.00999
1.401	14.063	2.03380	.32319	-.07252	.28347	1.01002	.76332	.96434	1.50660	1.45809	1128.42000
1.401	15.966	2.01402	.32061	-.07641	.27464	1.00688	.76243	.96248	1.50141	1.44500	1129.17000
1.399	18.004	2.01274	.35477	-.08577	.25938	1.00106	.73891	.95921	1.53598	1.42155	1127.75000
	GRADIENT	.01074	.00937	.02361	.00789	.01578	.00720	.01020	.01752	.01528	.03969

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR006) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 59/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.548	-3.908	1.84243	.16467	-.35346	.09315	.86734	.74470	.82631	1.31863	1.19203	1054.55000
1.548	-1.851	1.85650	.17634	-.29522	.07740	.90382	.76833	.85032	1.35212	1.16874	1057.86000
1.549	.114	1.84742	.17536	-.24499	.10781	.93583	.79621	.87128	1.36312	1.23685	1056.81000
1.549	2.104	1.87373	.18766	-.21275	.13126	.95936	.80777	.88659	1.39462	1.28977	1055.25999
1.550	4.150	1.88358	.23417	-.19180	.18714	.97937	.79355	.89956	1.48424	1.40232	1056.08000
1.551	6.220	1.91501	.26632	-.17279	.21557	.99622	.78671	.91029	1.54691	1.46117	1057.84000
1.552	8.091	1.93765	.28494	-.15828	.23732	1.00821	.78463	.91804	1.58401	1.50512	1058.06000
1.551	10.026	2.07894	.29656	-.14818	.27103	1.01575	.78342	.92339	1.60587	1.56483	1055.57001
1.547	11.923	2.01404	.29795	-.14328	.27948	1.01778	.78415	.92587	1.60628	1.57691	1056.03000
1.546	13.900	2.04322	.29928	-.13756	.27731	1.02152	.78622	.92864	1.60976	1.57472	1056.38000
1.552	15.908	2.07452	.30232	-.14309	.27780	1.02057	.78366	.92599	1.61938	1.58006	1057.41000
1.549	17.898	2.10055	.30033	-.15271	.26147	1.01216	.77838	.92156	1.60822	1.54582	1056.96001
	GRADIENT	.00496	.00751	.02021	.01204	.01393	.00682	.00911	.01865	.02697	.02540

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (1VR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 72/ 0 RN/L = 2.36 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.202	-1.929	-.31382	-.02734	-.52103	.00850	.65123	.66953	.99023	.99947	1.00016	103.05900
.202	-.016	-.27307	.05159	-.35646	.05575	.74691	.71027	.99293	1.00105	1.00113	102.72900
.202	2.003	-.23081	.15501	-.22768	.12880	.83540	.72328	.99538	1.00324	1.00275	103.25100
.202	3.989	-.18963	.16000	-.13065	.16940	.89886	.77488	.99716	1.00357	1.00375	103.19200
.201	6.053	-.14550	.16362	-.06025	.18391	.95083	.81713	.99863	1.00383	1.00423	102.44600
	GRADIENT	.02098	.03362	.06566	.02812	.04201	.01663	.00117	.00073	.00063	.04732

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (1VR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 252/ 0 RN/L = 1.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.250	-1.734	-.25284	-.00292	-.53565	.02901	.65055	.65245	.98508	.99991	1.00082	102.50500
.250	.144	-.21112	.07254	-.34809	.07752	.75499	.70392	.98955	1.00227	1.00242	102.37000
.251	2.144	-.16629	.15290	-.22395	.12087	.83736	.72630	.99303	1.00497	1.00404	102.81000
.250	4.009	-.18457	.17394	-.12709	.16938	.90236	.76866	.99585	1.00593	1.00579	101.82400
.250	6.242	-.07452	.17385	-.05818	.18887	.95282	.81171	.99799	1.00629	1.00674	102.26400
	GRADIENT	.01304	.03182	.07018	.02414	.04357	.01926	.00186	.00108	.00086	-.08181

RUN NO. 79/ 0 RN/L = 2.16 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.404	-1.870	-.29974	.01710	-.51446	.05879	.66410	.65294	.96436	1.00132	1.00438	196.25300
.404	.085	-.25709	.07331	-.32873	.09237	.76554	.71325	.97512	1.00621	1.00768	196.66200
.405	2.152	-.21073	.14148	-.20714	.12755	.84643	.74152	.98360	1.01254	1.01144	197.48200
.399	4.167	-.16669	.18567	-.11953	.18732	.90843	.76617	.99049	1.01648	1.01661	191.95800
.398	6.117	-.12287	.17690	-.05852	.19851	.95266	.80947	.99509	1.01654	1.01823	191.64000
	GRADIENT	.02208	.02844	.06466	.02086	.04030	.01820	.00430	.00257	.00201	-.59962

RUN NO. 80/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.599	-1.963	-.18010	.02494	-.45540	.08958	.69238	.67553	.93371	1.00463	1.01563	456.68600
.599	.091	-.16052	.09034	-.29282	.11191	.78831	.72299	.95436	1.01795	1.02180	456.37000
.599	2.060	-.09642	.15376	-.18776	.14373	.86004	.74542	.96989	1.03141	1.02962	455.56600
.599	4.128	-.06717	.19802	-.10724	.20413	.91785	.76614	.98229	1.04169	1.04276	455.12700
.599	6.169	-.01614	.20704	-.05081	.21028	.95961	.79501	.99129	1.04525	1.04583	456.57800
	GRADIENT	.01987	.02877	.05679	.01856	.03696	.01454	.00797	.00616	.00441	-.27040

RUN NO. 117/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.800	-1.822	-.26162	.10420	-.36609	.17322	.75101	.68014	.91436	1.03715	1.05813	726.85500
.799	.082	-.21963	.13987	-.24946	.18259	.82045	.71077	.93832	1.05268	1.06628	727.49100
.800	2.136	-.17642	.20050	-.15896	.19685	.88308	.73559	.95978	1.07731	1.07614	728.91100
.800	4.197	-.13435	.25739	-.09416	.24972	.93034	.73989	.97602	1.09997	1.09758	729.11200
.800	6.281	-.08868	.26090	-.04433	.26188	.96606	.76617	.98833	1.10475	1.10506	728.09400
	GRADIENT	.02113	.02591	.04495	.01219	.02981	.00962	.01025	.01061	.00639	.40700

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (1VR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 112/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.850	-1.940	-.25143	.13262	-.35284	.20365	.76248	.67320	.91064	1.05385	1.07781	797.12500
.850	.144	-.26439	.16927	-.23348	.21078	.83356	.71289	.93733	1.07288	1.08765	796.90800
.850	2.202	-.18271	.22698	-.15023	.22715	.89092	.72611	.95894	1.09949	1.09955	795.89300
.850	4.246	-.12456	.28025	-.08966	.27817	.93455	.72998	.97537	1.12341	1.12270	795.89600
.850	6.335	-.08998	.28143	-.04194	.28694	.96832	.75565	.98807	1.12840	1.13035	798.04300
	GRADIENT	.02239	.02427	.04236	.01162	.02783	.00892	.01047	.01141	.00710	-.22811

RUN NO. 111/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.900	-1.931	-.32159	.17637	-.33373	.24762	.77901	.66221	.90974	1.08064	1.10675	863.60100
.900	.161	-.27995	.20038	-.22318	.25061	.84323	.70247	.93596	1.09720	1.11669	863.49700
.900	2.233	-.20158	.26170	-.14314	.26688	.89811	.71182	.95833	1.12890	1.13091	864.09900
.900	4.321	-.18726	.31281	-.08466	.31520	.93942	.71558	.97525	1.15461	1.15551	863.39400
.900	6.393	-.14404	.31659	-.03961	.32161	.97080	.73736	.98807	1.16124	1.16317	863.39400
	GRADIENT	.02311	.02259	.03972	.01052	.02574	.00814	.01051	.01217	.00771	-.00105

RUN NO. 110/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.950	-1.845	-.29388	.23194	-.31708	.30502	.79531	.64557	.90982	1.11790	1.14637	932.72700
.949	.191	-.24602	.24843	-.21511	.30278	.85302	.68328	.93530	1.13348	1.15589	932.32700
.949	2.270	-.19431	.30598	-.13865	.32097	.90403	.69223	.95778	1.16636	1.17254	931.62300
.949	4.361	-.15003	.35924	-.08218	.36324	.94299	.69376	.97491	1.19590	1.19749	932.63700
.949	6.385	-.11012	.35972	-.03861	.36582	.97239	.71514	.98786	1.20195	1.20446	931.52300
	GRADIENT	.02335	.02126	.03772	.00935	.02386	.00739	.01052	.01291	.00822	-.04630

RUN NO. 107/ 0 RN/L = 4.19 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.981	-1.847	-.27307	.26433	-.30925	.34044	.80348	.63550	.90965	1.14293	1.17363	974.07500
.979	.196	-.19683	.27878	-.21259	.33416	.85746	.67053	.93459	1.15852	1.18213	972.47200
.979	2.283	-.14553	.33366	-.13628	.34677	.90729	.68030	.95745	1.19257	1.19818	972.97900
.979	4.387	-.10630	.38718	-.07988	.38932	.94556	.68164	.97501	1.22380	1.22469	972.57400
.979	6.418	-.06751	.38470	-.03820	.39266	.97316	.70279	.98769	1.22888	1.23228	971.46400
	GRADIENT	.02651	.02040	.03674	.00769	.02289	.00710	.01053	.01332	.00815	-.19119

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (1VR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 104/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.049	-1.880	-.19879	.36090	-.29828	.43526	.82045	.60287	.90987	1.21871	1.25010	951.56700
1.048	.124	-.16640	.36245	-.20549	.42243	.86918	.63795	.93432	1.23223	1.25925	951.88500
1.051	2.223	-.12384	.40142	-.13105	.42999	.91477	.65275	.95699	1.26501	1.27819	956.77800
1.051	4.323	-.05623	.46244	-.07878	.46023	.94919	.64904	.97429	1.30362	1.30262	956.77200
1.051	6.472	-.01128	.46147	-.03652	.46825	.97592	.66777	.98775	1.31125	1.31436	954.24900
	GRADIENT	.02274	.01666	.03534	.00403	.02083	.00736	.01042	.01391	.00854	.99191

RUN NO. 83/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.101	-1.920	-.26974	.42968	-.28881	.51629	.83366	.58311	.91057	1.28435	1.32215	1025.48000
1.098	.082	-.16714	.42191	-.20232	.49492	.87711	.61685	.93393	1.29341	1.32738	1021.23000
1.101	2.167	-.16589	.46017	-.13026	.48548	.92001	.63008	.95640	1.32930	1.34149	1025.36000
1.100	4.279	-.12353	.52363	-.07847	.52065	.95296	.62545	.97395	1.37136	1.36997	1024.60001
1.098	6.344	-.01847	.51476	-.04004	.52654	.97613	.64441	.98634	1.37423	1.37984	1022.02000
	GRADIENT	.02117	.01557	.03394	.00024	.01936	.00673	.01027	.01440	.00765	.07833

RUN NO. 86/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.149	-1.979	-.25665	.42173	-.26771	.52301	.84642	.59535	.91137	1.31685	1.36682	1066.39999
1.149	.012	-.21629	.40926	-.18655	.49069	.88825	.63029	.93459	1.32574	1.36922	1064.95000
1.151	2.154	-.18449	.44581	-.12406	.47514	.92654	.64084	.95569	1.36245	1.37861	1067.50000
1.149	4.267	-.12080	.50814	-.07821	.51615	.95622	.63403	.97242	1.40666	1.41088	1064.98000
1.149	6.306	-.07772	.50262	-.04215	.52453	.97840	.65113	.98473	1.41342	1.42524	1065.84000
	GRADIENT	.02105	.01428	.03016	-.00164	.01759	.00600	.00977	.01472	.00681	-.07963

RUN NO. 87/ 0 RN/L = 3.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.201	-1.981	-.26826	.40086	-.25235	.51044	.85806	.61252	.91019	1.34658	1.40931	1105.64999
1.199	.093	-.23748	.37925	-.17527	.46795	.89811	.65116	.93381	1.34678	1.40204	1102.21001
1.198	2.179	-.18602	.42082	-.12277	.44458	.93159	.65567	.95335	1.38666	1.40177	1100.89999
1.198	4.250	-.14483	.47978	-.08089	.49248	.95961	.64848	.96961	1.43588	1.44361	1102.92999
1.199	6.371	-.10171	.49270	-.04977	.50731	.97955	.65623	.98106	1.45389	1.46281	1102.95000
	GRADIENT	.02030	.01339	.02728	-.00372	.01627	.00541	.00952	.01481	.00493	-.45595

OA232 AEDC 16T TF431 LFN.1S RA .2P/S INV (1VR007) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 90/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.299	-1.929	-.24030	.15902	-.20249	.42502	.87942	.75876	.90504	1.20632	1.44849	1080.92000
1.299	.039	-.19811	.17853	-.15158	.39640	.91546	.77678	.92720	1.23739	1.44485	1082.42000
1.301	2.123	-.15392	.24693	-.11821	.40729	.94414	.75717	.94461	1.32106	1.46921	1084.28000
1.300	4.246	-.10288	.31033	-.09135	.48268	.96594	.73717	.95836	1.39180	1.53856	1083.81000
1.299	6.301	-.05950	.31987	-.06788	.49536	.98259	.74446	.96876	1.40738	1.55684	1083.60001
	GRADIENT	.02216	.02543	.01775	.00910	.01396	-.00417	.00859	.03113	.01442	.50770

RUN NO. 99/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.401	-2.028	-.17838	.11134	-.19979	.19931	.90307	.81260	.89541	1.18584	1.30826	1128.08000
1.399	.076	-.13426	.13167	-.15867	.21868	.93353	.82491	.91575	1.22205	1.34247	1127.87000
1.399	2.205	-.08845	.16904	-.12768	.21615	.95964	.82088	.93253	1.28372	1.34874	1128.02000
1.398	4.281	-.04296	.20593	-.10260	.22765	.98078	.81329	.94630	1.34209	1.37147	1125.03999
1.400	6.338	.00219	.21108	-.08476	.25997	.99532	.82185	.95514	1.35559	1.42096	1126.39000
	GRADIENT	.02147	.01525	.01532	.00391	.01231	-.00009	.00805	.02519	.00930	-.42450

RUN NO. 101/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.549	-2.124	-.11464	.16324	-.27227	.16900	.91645	.78784	.85845	1.33453	1.34464	1058.00999
1.550	-.045	-.05598	.16120	-.22480	.17532	.94785	.81627	.87891	1.34266	1.36819	1058.17000
1.549	2.045	-.01271	.17764	-.19318	.17889	.97169	.82512	.89481	1.38141	1.39369	1058.14999
1.549	4.167	.03577	.19983	-.17326	.22108	.98830	.82370	.90582	1.42823	1.46552	1054.12000
1.550	6.159	.07846	.22540	-.15765	.24561	1.00235	.81797	.91490	1.48007	1.51462	1056.52000
	GRADIENT	.02358	.00603	.01567	.00764	.01141	.00554	.00753	.01527	.01807	-.55983

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 91/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.300	8.038	.01701	.36754	-.05729	.46014	.99177	.72522	.97430	1.45664	1.53542	1083.77000
1.300	11.908	.04855	.58780	-.04840	.61471	1.00273	.63152	.98110	1.63587	1.65390	1081.82001
1.299	15.903	.05811	.51517	-.05638	.49895	.99601	.65736	.97709	1.57915	1.56699	1080.89999
1.299	17.967	.06515	.53149	-.06935	.49708	.98829	.64531	.97234	1.58641	1.56105	1081.82001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 92/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.319	7.955	.00358	.26601	-.05434	.40992	.99586	.78661	.97332	1.37157	1.51414	1092.32001
1.319	11.997	.03900	.38831	-.05171	.61294	1.00138	.72130	.97671	1.49764	1.67611	1091.34000
1.320	16.006	.05054	.44514	-.05789	.48392	.99875	.69111	.97502	1.54685	1.57895	1094.97000
1.320	18.010	.05863	.47343	-.06866	.47522	.99259	.67366	.97111	1.56724	1.56870	1095.07001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 93/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.340	7.977	-.00549	.20808	-.05422	.36668	.99975	.82755	.97173	1.31740	1.49441	1103.17999
1.340	12.002	.02713	.24991	-.05136	.55405	1.00337	.80276	.97402	1.36975	1.65932	1104.35001
1.337	16.034	.04138	.32274	-.05258	.47943	1.00405	.75907	.97488	1.44979	1.59741	1103.03999
1.335	18.010	.04997	.38630	-.07228	.46469	.99153	.71523	.96749	1.50504	1.57502	1102.31000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 94/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.360	7.980	-.02354	.21108	-.06483	.34312	.99751	.82365	.96609	1.33210	1.48675	1114.50000
1.360	11.974	-.00388	.23671	-.05262	.39435	1.00820	.81523	.97275	1.36898	1.54522	1110.24001
1.360	16.056	.02924	.30296	-.06196	.39880	1.00318	.76993	.96970	1.44550	1.54626	1113.07001
1.361	17.986	.03881	.32640	-.07336	.39166	.99614	.75101	.96499	1.46905	1.53643	1112.89000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 95/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.378	7.985	-.03572	.21450	-.06645	.31416	1.00238	.82535	.96493	1.34954	1.47311	1120.60001
1.380	11.946	-.00282	.23024	-.05632	.34546	1.01130	.82204	.97038	1.37438	1.51363	1122.10001
1.381	16.045	.01314	.25785	-.06517	.35750	1.00600	.79978	.96664	1.40900	1.52543	1118.25999
1.381	17.961	.01835	.26390	-.07233	.35878	1.00076	.79181	.96335	1.41422	1.52383	1122.19000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR008) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 96/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.400	7.991	-.04478	.22705	-.07302	.24487	1.00508	.81911	.96149	1.38106	1.40508	1127.53000
1.400	11.952	-.01467	.23716	-.06725	.30052	1.01009	.81646	.96464	1.39691	1.47845	1127.23000
1.401	16.014	.00039	.24048	-.07155	.30559	1.00708	.81185	.96259	1.40053	1.48359	1128.75000
1.399	17.971	.01113	.23954	-.07987	.29885	1.00016	.80688	.95851	1.39551	1.47090	1129.08000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 100/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.450	7.985	-.07387	.23807	-.09635	.24448	1.00618	.81270	.94894	1.43085	1.44017	1142.77000
1.449	11.857	-.06348	.24961	-.08748	.30277	1.01306	.81070	.95376	1.44972	1.52324	1141.83000
1.451	16.025	-.12111	.25305	-.09208	.30984	1.01072	.80661	.95156	1.45542	1.53346	1141.75000
1.451	18.092	-.11734	.25038	-.10343	.29204	1.00219	.80151	.94592	1.44794	1.50562	1141.08000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 253/ 0 RN/L = 2.31 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.201	-1.766	.11013	-.01873	.07747	-.02911	1.08580	1.10652	1.00237	.99941	.99945	101.73800
.201	2.228	.11051	.13675	-.23772	.09424	.82706	.72756	.99517	1.00286	1.00208	102.51900
.201	6.192	.11030	.16571	-.06448	.17478	.94764	.81293	.99855	1.00383	1.00405	101.75800
.201	10.191	.11117	.17544	.00166	.19378	1.00149	.85201	1.00004	1.00426	1.00462	101.71800
.200	14.198	.11075	.16770	-.01098	.18749	.99074	.84845	.99974	1.00401	1.00440	100.54400
.201	18.204	.11088	.14842	-.09464	.16632	.92396	.80455	.99788	1.00341	1.00376	102.24200
	GRADIENT	.00010	.03894	-.07893	.03089	-.06479	-.09490	-.00180	.00086	.00066	.19558

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 254/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.397	-1.964	.08138	.00842	-.55239	.02342	.64609	.64069	.96360	1.00062	1.00170	190.42600
.399	2.089	.08177	.15024	-.21723	.11612	.84115	.73128	.98347	1.01276	1.01019	192.39000
.400	6.076	.08096	.18763	-.05674	.20056	.95442	.80364	.99525	1.01755	1.01856	192.84900
.399	10.062	.08103	.19621	-.00270	.21117	.99776	.83410	.99977	1.01899	1.02022	192.26600
.399	14.055	.08145	.17790	-.00756	.20435	.99363	.84356	.99934	1.01740	1.01954	192.16500
.398	18.049	.08187	.15698	-.08369	.17176	.93256	.80603	.99302	1.01460	1.01595	191.25900
	GRADIENT	.00010	.03499	.08269	.02287	.04812	.02235	.00490	.00300	.00209	.48453

RUN NO. 255/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.599	-1.951	-.03835	.03925	-.49036	.06846	.67943	.65377	.93102	1.00703	1.01194	454.62600
.600	2.115	-.03766	.15707	-.19366	.13374	.85663	.74034	.96903	1.03204	1.02779	457.49700
.601	6.089	-.03856	.20844	-.05349	.21241	.95761	.79244	.99082	1.04564	1.04626	459.13600
.600	10.078	-.03858	.22221	-.00271	.22635	.99780	.81639	.99952	1.04992	1.05074	456.36100
.600	14.086	-.03596	.20981	-.00653	.21982	.99463	.82214	.99884	1.04749	1.04935	456.15200
.598	18.076	-.03387	.18452	-.07272	.19637	.94217	.79540	.98759	1.04010	1.04293	453.61400
	GRADIENT	.00017	.02898	.07298	.01606	.04359	.02129	.00935	.00615	.00390	.70616

RUN NO. 256/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.699	-1.936	-.00705	.07227	-.44368	.10502	.70733	.65966	.91853	1.01839	1.02601	590.08100
.702	2.061	-.00744	.17115	-.18112	.15203	.86607	.73949	.96242	1.04936	1.04444	594.13100
.703	6.114	-.00823	.22664	-.04911	.23293	.96151	.78386	.98919	1.06934	1.07068	593.60600
.701	10.066	-.00679	.23867	-.00272	.24698	.99781	.80555	.99939	1.07473	1.07688	592.19500
.700	14.084	-.00735	.23109	-.00573	.24080	.99538	.80853	.99871	1.07228	1.07484	591.40100
.697	18.070	-.00510	.21109	-.06372	.22010	.95002	.78443	.98614	1.06351	1.06704	586.93100
	GRADIENT	-.00010	.02475	.06570	.01176	.03972	.01997	.01098	.00775	.00461	1.01339

RUN NO. 280/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.801	-1.983	.04709	.11119	-.39085	.14738	.73979	.66576	.91034	1.03891	1.04985	732.38900
.800	1.919	.04480	.19445	-.16897	.18630	.87608	.73346	.95738	1.07475	1.07205	728.19400
.800	5.912	.04296	.26017	-.04942	.26493	.96227	.76361	.98703	1.10404	1.10550	727.79000
.800	9.967	.04397	.26740	-.00276	.27868	.99782	.78730	.99925	1.11049	1.11419	728.49600
.600	13.967	.04370	.26430	-.00440	.27546	.99653	.78821	.99881	1.10931	1.11298	727.67600
.799	18.030	.04692	.25610	-.05518	.26391	.95792	.76262	.98554	1.10225	1.10546	726.24900
	GRADIENT	-.00059	.02134	.05687	.00997	.03493	.01735	.01206	.00919	.00569	-1.07518

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 259/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.900	-1.953	.10581	.18855	-.35136	.22547	.77183	.64939	.90675	1.08463	1.09815	864.31100
.900	1.965	.10638	.25677	-.15575	.25496	.88974	.70796	.95495	1.12559	1.12489	864.21000
.900	5.944	.07905	.32411	-.04618	.32494	.96631	.72978	.98622	1.16371	1.16402	866.24500
.900	9.984	.07976	.32642	-.00310	.33750	.99768	.75215	.99905	1.16985	1.17416	865.42700
.900	13.992	.10739	.32650	-.00355	.33919	.99734	.75186	.99891	1.16948	1.17448	864.00900
.900	17.996	.10267	.33106	-.04914	.33277	.96440	.72453	.98545	1.16578	1.16670	864.41100
	GRADIENT	.00015	.01741	.04994	.00753	.03010	.01495	.01230	.01046	.00683	-.02578

RUN NO. 279/ 0 RN/L = 4.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.950	-1.973	.05681	.24113	-.33999	.28158	.78497	.63247	.90528	1.12007	1.13576	932.21600
.950	1.989	.03369	.29951	-.15106	.30179	.89587	.68939	.95412	1.16259	1.16364	933.03100
.950	6.006	.08435	.36173	-.04476	.37195	.96818	.71099	.98598	1.20245	1.20665	930.89000
.950	9.980	.02360	.36826	-.00329	.38139	.99761	.72910	.99894	1.21161	1.21712	932.92600
.950	14.007	.01365	.36715	-.00317	.38088	.99769	.72976	.99898	1.21102	1.21684	933.34000
.950	17.985	.00940	.37321	-.04546	.37672	.96796	.70489	.98587	1.20737	1.20877	931.18400
	GRADIENT	-.00583	.01473	.04768	.00510	.02799	.01437	.01233	.01073	.00704	.20570

RUN NO. 278/ 0 RN/L = 4.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
.980	-2.021	-.00019	.27504	-.33294	.33008	.79295	.62190	.90495	1.14515	1.16275	971.95100
.979	2.041	.03281	.32759	-.14681	.34095	.90043	.67825	.95434	1.18815	1.19074	970.74800
.980	6.025	.03075	.38863	-.04412	.40722	.96921	.69796	.98585	1.23048	1.23489	971.43100
.980	9.998	-.00454	.39402	-.00311	.41516	.99778	.71576	.99898	1.23988	1.24560	971.93200
.980	14.003	-.02239	.39123	-.00300	.41765	.99785	.71724	.99901	1.23859	1.24660	971.32400
.980	18.003	.00647	.39973	-.04378	.41134	.96967	.69276	.98607	1.23519	1.23631	971.94500
	GRADIENT	.00813	.01294	.04583	.00267	.02646	.01387	.01216	.01059	.00689	-.29618

RUN NO. 281/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.050	-1.995	-.02704	.37905	-.31588	.51400	.81387	.59017	.90642	1.22552	1.24071	953.45900
1.049	2.060	-.04828	.40469	-.13667	.51398	.91160	.64897	.95550	1.26446	1.27340	952.45500
1.049	6.072	-.02341	.46758	-.04049	.57381	.97343	.66329	.98653	1.31227	1.31666	952.76400
1.050	10.045	-.02190	.46959	-.00311	.58065	.99819	.67923	.99894	1.32163	1.32884	954.47500
1.050	14.074	-.00166	.46761	-.00333	.57688	.99803	.68004	.99886	1.32069	1.32746	954.37300
1.049	18.029	-.04686	.46724	-.04180	.57266	.97258	.66287	.98610	1.31184	1.31609	952.15100
	GRADIENT	-.00524	.00632	.04420	-.00000	.02410	.01450	.01210	.00960	.00806	-.24761

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 260/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.100	-2.011	-.01986	.45361	-.31187	.48361	.82501	.56756	.90611	1.29147	1.30412	1008.28000
1.099	2.052	-.01635	.46115	-.13885	.47684	.91503	.62624	.95390	1.32666	1.33438	1008.82000
1.100	6.005	-.02448	.52993	-.04559	.53085	.97302	.63599	.98462	1.38149	1.38149	1009.41000
1.100	10.024	-.01078	.52316	-.00677	.53414	.99757	.65494	.99765	1.38784	1.39309	1008.19000
1.100	14.083	.03931	.51914	-.00653	.53166	.99776	.65679	.99772	1.38662	1.39247	1007.93000
1.100	18.076	.03235	.52638	-.04189	.52520	.97527	.63894	.98580	1.38105	1.38027	1007.24000
	GRADIENT	.00086	.00186	.04259	-.00167	.02216	.01444	.01176	.00866	.00745	.13291

RUN NO. 277/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.148	-1.987	.03939	.45071	-.28920	.48793	.83858	.57805	.90707	1.32852	1.34750	1057.25000
1.149	2.086	.03878	.44578	-.13122	.45907	.92217	.63784	.95342	1.35938	1.36814	1055.78999
1.151	6.046	.05813	.51839	-.04795	.52374	.97525	.64229	.98284	1.42240	1.42551	1062.64999
1.151	10.040	.06707	.52209	-.01424	.53221	.99668	.65481	.99481	1.43331	1.43903	1058.96001
1.150	14.088	.06219	.52942	-.01234	.54165	.99794	.65250	.99551	1.43779	1.44441	1056.34000
1.150	18.062	.05279	.53658	-.04191	.53324	.97928	.63731	.98512	1.43329	1.43177	1057.98000
	GRADIENT	-.00015	-.00121	.03879	-.00709	.02052	.01468	.01138	.00758	.00507	-.35850

RUN NO. 276/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.200	-1.998	.05089	.40543	-.26335	.47627	.85267	.60670	.90725	1.34635	1.38508	1104.37000
1.200	2.045	.06296	.40372	-.12993	.43308	.92661	.66011	.95023	1.37491	1.39401	1102.64999
1.199	6.060	.06113	.50227	-.05783	.50543	.97474	.64884	.97824	1.45780	1.46036	1102.58000
1.199	10.055	.07340	.51861	-.02442	.52734	.99620	.65600	.99071	1.47760	1.48342	1102.44000
1.200	14.080	.06967	.52696	-.02294	.54565	.99737	.65317	.99131	1.48408	1.49618	1101.67000
1.200	18.036	.04676	.53319	-.04621	.53149	.98285	.64105	.98280	1.48148	1.48131	1102.32001
	GRADIENT	.00299	-.00042	.03299	-.01068	.01828	.01321	.01063	.00706	.00221	-.42533

RUN NO. 261/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.300	-1.999	.01468	.22506	-.22433	.42517	.87332	.71288	.90112	1.27472	1.44616	1079.03999
1.300	2.014	.01629	.32559	-.13678	.38170	.93672	.70664	.94022	1.39433	1.44373	1079.88000
1.300	5.952	.01788	.40610	-.07606	.46570	.98042	.69726	.96719	1.48557	1.53401	1080.47000
1.300	9.980	.02622	.47940	-.05150	.48384	.99865	.67504	.97650	1.55478	1.56318	1080.33000
1.300	14.018	.02552	.56539	-.05165	.56859	1.00024	.63897	.97959	1.61857	1.63603	1078.85001
1.300	18.041	.01847	.54844	-.07111	.46921	.98769	.64201	.97177	1.59228	1.56880	1079.92000
	GRADIENT	.00040	.02505	.02182	-.01083	.01580	-.00155	.00975	.02981	-.00061	.20934

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR009) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 262/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.550	-1.888	-.12793	.15453	-.27853	.14518	.91153	.78952	.85488	1.31781	1.30079	1051.85001
1.550	2.047	-.12894	.17206	-.20364	.16643	.96404	.82252	.88946	1.36876	1.35861	1056.47000
1.550	6.027	-.12802	.22916	-.16144	.23745	1.00004	.81360	.91332	1.48560	1.49960	1055.27000
1.549	10.107	-.12029	.25493	-.14279	.30276	1.01562	.80930	.92374	1.53702	1.61555	1055.39000
1.550	14.069	-.12162	.27137	-.13472	.33911	1.02291	.80457	.92847	1.56851	1.67436	1058.03999
1.549	18.098	-.13278	.27428	-.15336	.30606	1.00947	.79219	.91983	1.56522	1.62157	1056.03000
	GRADIENT	-.00026	.00445	.01903	.00540	.01334	.00839	.00879	.01295	.01474	1.17400

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 275/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.219	8.054	2.02335	.58021	-.04069	.43263	.99008	.62655	.98500	1.53204	1.43757	1029.22000
1.219	11.957	2.18803	.59852	-.02707	.54715	.99868	.62475	.99004	1.54735	1.51698	1031.39999
1.220	16.095	2.11806	.60744	-.03249	.42878	.99570	.61943	.98814	1.55224	1.43856	1031.53999
1.218	18.084	2.07728	.61671	-.04803	.42974	.98609	.60994	.98277	1.54929	1.43282	1028.53999
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 274/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
1.240	8.054	2.02446	.58273	-.05190	.39750	.98707	.62365	.98068	1.55430	1.42822	1048.91000
1.240	11.968	2.04950	.58863	-.03038	.57015	1.00038	.62371	.98857	1.56584	1.55453	1043.53999
1.238	15.977	2.04826	.60319	-.03741	.42491	.99587	.62118	.98614	1.56964	1.45148	1045.39999
1.239	18.079	2.06859	.61422	-.05440	.42595	.98600	.61082	.98018	1.57111	1.44834	1049.84000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 273/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.260	8.045	2.01750	.58931	-.06033	.32964	.98628	.62057	.97736	1.58072	1.38827	1060.86000
1.259	11.981	2.04742	.60897	-.04017	.57563	.99865	.62068	.98493	1.59945	1.57862	1061.12000
1.258	15.984	2.06836	.62035	-.04470	.37483	.99571	.61451	.98341	1.60247	1.42903	1054.82001
1.258	18.096	2.03443	.62735	-.06106	.39671	.98633	.60610	.97764	1.60172	1.44334	1059.61000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 272/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.280	8.039	2.03566	.59346	-.06724	.28117	.98677	.61926	.97452	1.60683	1.35758	1069.82001
1.280	11.999	2.06283	.61703	-.04751	.37541	.99890	.61773	.98205	1.62858	1.44962	1070.89000
1.280	15.970	2.02933	.62708	-.05118	.32008	.99691	.61270	.98082	1.63377	1.39873	1071.14999
1.279	18.105	2.03235	.63723	-.06754	.36064	.98729	.60302	.97509	1.63259	1.43080	1070.64000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 271/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.300	8.026	2.01617	.58976	-.07503	.24457	.98675	.62069	.97120	1.62713	1.33219	1083.47000
1.300	11.917	2.16776	.62235	-.05214	.24977	1.00130	.61719	.98009	1.65878	1.34322	1086.34000
1.300	15.977	2.01801	.63121	-.05850	.29187	.99753	.61153	.97788	1.66120	1.38605	1083.98000
1.301	18.072	2.03973	.63614	-.07054	.32716	.99080	.60557	.97357	1.66086	1.41900	1083.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 270/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.320	8.006	2.01764	.57129	-.07600	.22882	.99097	.63067	.97006	1.64103	1.32831	1093.35001
1.321	12.016	2.04958	.62696	-.05848	.25510	1.00299	.61648	.97748	1.68832	1.36304	1097.67000
1.319	15.986	2.02529	.62496	-.06275	.26651	.99999	.61539	.97589	1.68299	1.37368	1088.21001
1.321	18.067	1.99448	.62863	-.07393	.28143	.99387	.61025	.97182	1.68293	1.38858	1089.64000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 269/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.341	8.001	2.01912	.50799	-.07204	.23193	.99729	.66133	.96997	1.62039	1.34672	1105.92999
1.340	12.007	2.03843	.64083	-.06341	.25879	1.00574	.61294	.97561	1.72396	1.38109	1099.69000
1.340	15.979	2.02636	.62521	-.06393	.25746	1.00514	.61847	.97508	1.71299	1.37948	1101.07001
1.340	18.098	1.98389	.62964	-.07791	.25414	.99708	.61184	.96996	1.71060	1.37269	1102.36000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S (1VR010) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 268/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.360	7.994	2.01203	.39811	-.07749	.23472	.99576	.71222	.96494	1.54173	1.36166	1110.11000
1.360	11.935	2.00672	.65561	-.07082	.26883	1.00793	.60880	.97261	1.76295	1.40821	1115.12000
1.360	15.984	1.97916	.60819	-.06876	.25763	1.00780	.62667	.97263	1.72795	1.39432	1114.03000
1.360	18.040	2.01337	.61811	-.08493	.23769	.99875	.61723	.96670	1.72978	1.36689	1113.82001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 267/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.380	7.981	2.00908	.28652	-.07372	.23345	1.00045	.77764	.96332	1.44113	1.37488	1119.03000
1.379	11.967	1.96863	.55275	-.06992	.27615	1.01183	.65164	.97086	1.71172	1.43264	1120.13000
1.381	15.941	1.97776	.60395	-.08018	.26268	1.00763	.62822	.96777	1.75202	1.41548	1123.37000
1.381	18.045	1.95208	.59505	-.08898	.23805	1.00219	.62831	.96422	1.74138	1.38211	1121.74001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 265/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.401	7.957	1.99119	.25930	-.07917	.23957	1.00211	.79576	.95942	1.42321	1.39723	1128.05000
1.400	11.908	2.07310	.41470	-.07893	.27187	1.00859	.71293	.96377	1.60569	1.44166	1129.75000
1.399	15.912	1.94836	.47917	-.08603	.25503	1.00602	.68012	.96233	1.66662	1.41816	1123.46001
1.401	18.020	1.94410	.51987	-.09774	.22966	1.00075	.65845	.95855	1.70207	1.38335	1122.25000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 264/ 0 RN/L = 3.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.450	7.958	1.97132	.27140	-.10340	.25973	1.00284	.78877	.94682	1.47652	1.46025	1145.39000
1.450	11.985	1.88933	.29036	-.09057	.28053	1.01352	.78546	.95361	1.50819	1.49476	1140.91000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 266/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PSIXDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PSIX/P	QCOMP
1.450	16.008	1.95034	.32829	-.09701	.26553	1.01061	.76083	.95188	1.55605	1.47204	1140.70000
1.449	17.954	1.92255	.35063	-.10819	.24576	1.00387	.74326	.94757	1.57988	1.44067	1141.03000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 136/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.200	-1.724	.10896	-.00077	-.57725	.63391	.63440	.98990	.99999	101.44500
.202	.162	.10889	.07668	-.38079	.73881	.68619	.99271	1.00151	102.69700
.202	2.150	.10901	.15765	-.24753	.82386	.71167	.99507	1.00323	102.78400
.200	4.102	.10890	.16008	-.14393	.88964	.76688	.99696	1.00348	101.29700
.199	6.155	.10895	.16996	-.06837	.94478	.80753	.99849	1.00386	100.60800
.200	8.172	.10944	.16707	-.02112	.98232	.84170	.99951	1.00399	101.43600
.200	10.191	.10956	.18316	-.00339	.99717	.84280	.99992	1.00435	100.85000
.200	12.186	.11012	-.00445	.00000	.00000	-35.48590	.00000	1.00446	101.19400
.200	14.194	.11033	.16385	-.00832	.99296	.85317	.99980	1.00397	101.58900
.199	16.200	.11056	.12801	-.03616	.96905	.85908	.99916	1.00307	99.86440
	GRADIENT	-.00000	.02891	.07352	.04374	.02170	.00121	.00063	-.02057

RUN NO. 244/ 0 RN/L = 1.82 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.250	-3.986	.04782	-.04423	-.97868	.49409	.51696	.97844	.99898	101.72200
.251	-2.079	.04761	.01602	-.63663	.61479	.60510	.98349	1.00043	102.35100
.251	-.007	.04722	.08688	-.40462	.72874	.67049	.98834	1.00262	102.55700
.252	1.932	.04728	.15581	-.25023	.82205	.71124	.99232	1.00499	102.87200
.253	3.917	.04702	.18904	-.14689	.89006	.74855	.99520	1.00646	104.23000
.254	5.951	.04749	.18983	-.07230	.94274	.79233	.99750	1.00688	104.43900
.253	7.977	.04765	.18675	-.02780	.97711	.82335	.99901	1.00698	103.91800
.252	10.002	.04759	.19209	-.00503	.99585	.83538	.99982	1.00723	102.97300
.251	11.976	.04770	-.00737	.00000	.00000	-22.50500	.00000	1.00742	102.03400
.252	13.990	.04751	.17176	-.00579	.99512	.84925	.99979	1.00658	102.66200
.253	16.030	.04821	.14692	-.03205	.97288	.84825	.99882	1.00565	103.39000
	GRADIENT	-.00010	.03060	.10339	.05042	.02872	.00214	.00099	.27906

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 134/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.399	-1.885	.08248	.04427	-.55550	.65278	.62511	.96399	1.00320	191.94900
.399	.013	.08249	.09410	-.35554	.75476	.68984	.97446	1.00754	192.93600
.401	1.980	.08196	.15488	-.22562	.83658	.72439	.98289	1.01312	194.20200
.400	3.996	.08186	.19700	-.13132	.90114	.75283	.98967	1.01731	193.35700
.401	5.974	.08179	.19514	-.06280	.95008	.79495	.99477	1.01815	193.61800
.400	8.006	.08143	.18306	-.02255	.98132	.82947	.99805	1.01769	192.83700
.401	10.007	.08146	.20447	-.00269	.99778	.82839	.99977	1.01984	194.04300
.400	12.047	.08106	.20389	.00045	1.00040	.83097	1.00004	1.01971	192.89200
.399	14.037	.08164	.18454	-.00446	.99626	.84105	.99961	1.01799	192.38400
.399	16.028	.08161	.15843	-.02892	.97567	.84223	.99747	1.01547	192.47400
	GRADIENT	-.00012	.02645	.07134	.04210	.02124	.00435	.00244	.27723

RUN NO. 132/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.600	-1.874	-.04319	.07778	-.48624	.68912	.63939	.93276	1.01372	457.79300
.600	.028	-.04294	.11793	-.31649	.77936	.69714	.95229	1.02268	457.38600
.601	2.030	-.04326	.16377	-.19900	.85398	.73381	.96833	1.03328	458.90600
.601	4.126	-.04440	.20352	-.11429	.91328	.75884	.98121	1.04271	458.29800
.602	6.079	-.04259	.21372	-.05639	.95562	.78735	.99036	1.04667	459.83000
.602	8.055	-.04281	.21711	-.01978	.98402	.80849	.99652	1.04873	460.13600
.601	10.054	-.04134	.22367	-.00193	.99843	.81593	.99966	1.05045	458.61300
.601	12.077	-.04001	.22069	.00211	1.00173	.82063	1.00037	1.05011	459.02100
.600	14.076	-.03673	.20777	-.00286	.99765	.82602	.99949	1.04732	457.79900
.600	16.039	-.03301	.17843	-.02138	.98219	.83348	.99615	1.04099	457.49100
	GRADIENT	-.00020	.02114	.06143	.03726	.01966	.00805	.00488	.15126

RUN NO. 129/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.700	-2.035	-.00730	.09896	-.46732	.70164	.63845	.91668	1.02448	587.26400
.699	.139	-.01408	.13724	-.29234	.79552	.69961	.94301	1.03709	589.45000
.700	2.072	-.00653	.17587	-.18706	.86276	.73372	.96166	1.05002	591.28400
.701	4.008	.00230	.21757	-.11341	.91480	.75133	.97616	1.06349	592.61200
.701	6.043	-.00304	.23125	-.05536	.95698	.77725	.98797	1.06978	591.78700
.701	8.045	-.00475	.23598	-.01928	.98465	.79665	.99571	1.07297	591.89600
.701	10.045	.01324	.23687	-.00196	.99843	.80722	.99956	1.07428	593.02200
.699	12.024	.00462	.23873	.00227	1.00185	.80877	1.00051	1.07452	589.14800
.699	14.070	.01986	.22514	-.00210	.99829	.81483	.99952	1.07071	589.06200
.698	16.050	.03820	.21124	-.01779	.98553	.81366	.99598	1.06611	587.93600
	GRADIENT	.00176	.01964	.05845	.03533	.01970	.00985	.00647	.89286

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 230/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.800	-3.954	.04038	.13079	-.61742	.64683	.57202	.87857	1.03920	728.40100
.800	-1.973	.04221	.13954	-.41725	.73198	.64235	.90782	1.04699	728.81300
.800	-.059	.04052	.16660	-.28434	.80403	.68921	.93260	1.06019	727.16900
.800	1.946	.03434	.20792	-.18157	.86932	.71968	.95506	1.07845	726.45000
.800	3.976	.03163	.25726	-.10912	.92014	.73186	.97254	1.09864	727.48100
.799	6.001	.03136	.26977	-.05547	.95814	.75458	.98562	1.10657	726.66400
.800	7.989	.03248	.27365	-.02167	.98327	.77201	.99424	1.11086	727.98300
.800	9.976	.03421	.27278	-.00418	.99674	.78312	.99888	1.11189	727.48000
.800	12.010	.03508	.27283	.00050	1.00040	.78597	1.00014	1.11243	727.78100
.800	14.004	.03785	.26402	-.00150	.99882	.79019	.99959	1.10941	727.67700
.800	15.992	.04120	.25732	-.01514	.98810	.78588	.99591	1.10597	726.75800
	GRADIENT	-.00129	.01627	.06322	.03455	.02003	.01188	.00761	-.21065

RUN NO. 232/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.850	-4.019	.09121	.16407	-.57137	.67077	.57622	.87603	1.05710	798.65700
.849	-2.012	.03418	.16919	-.38928	.75023	.64166	.90607	1.06542	797.02900
.850	-.045	.09397	.19373	-.26489	.81840	.68558	.93159	1.08026	796.59800
.850	1.982	.03182	.23486	-.16945	.87934	.71210	.95461	1.10085	795.69000
.850	3.930	.03660	.28523	-.10500	.92447	.71931	.97157	1.12387	797.83900
.850	5.964	.09852	.29445	-.05249	.96104	.74243	.98433	1.13202	797.22000
.850	7.991	.10075	.29569	-.02012	.98471	.75999	.99424	1.13572	796.60300
.850	9.991	.10357	.29852	-.00400	.99693	.76774	.99884	1.13857	797.41800
.850	12.013	.04696	.29649	.00035	1.00027	.77153	1.00010	1.13798	798.15600
.849	14.018	.05126	.28786	-.00128	.99901	.77571	.99963	1.13462	796.51600
.850	16.010	.05727	.28446	-.01507	.98841	.76952	.99564	1.13211	795.68500
	GRADIENT	-.00564	.01547	.05797	.03201	.01794	.01205	.00849	-.15092

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 149/ 0 RN/L = 4.10 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.899	-1.933	.13339	.20274	-.35407	.77257	.64234	.90722	1.08974	875.40100
.900	-.054	.09408	.22238	-.24883	.83087	.67971	.93089	1.10444	875.17500
.900	1.933	.12022	.26068	-.16159	.88639	.70310	.95359	1.12657	874.25600
.900	3.933	.07374	.31990	-.09907	.93018	.70474	.97144	1.15605	876.18500
.900	5.933	.08423	.32817	-.05062	.96329	.72528	.98498	1.16474	876.28400
.899	7.938	.11119	.32438	-.01939	.98557	.74417	.99410	1.16666	874.66700
.900	9.976	.08633	.32533	-.00284	.99787	.75292	.99912	1.16946	875.87600
.900	11.997	.06858	.32472	.00185	1.00140	.75593	1.00057	1.16983	876.08500
.900	14.015	.12082	.31675	-.00054	.99959	.75914	.99983	1.16621	876.09100
.900	15.994	.10687	.31285	-.01290	.99027	.75429	.99602	1.16295	874.56500
.900	18.001	.11208	.31114	-.04274	.96844	.73862	.98710	1.15878	875.17000
	GRADIENT	-.00778	.01996	.04344	.02695	.01070	.01099	.01131	.07565

RUN NO. 236/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.950	-3.991	.02209	.27890	-.51005	.71489	.55899	.87438	1.12279	933.13100
.950	-2.011	.06000	.27081	-.35760	.78040	.61410	.90328	1.13089	932.83000
.950	.026	.02621	.27692	-.24320	.84001	.65784	.92947	1.14363	933.94200
.951	1.927	.02801	.31164	-.16272	.88964	.67826	.95134	1.16671	933.94100
.950	3.960	.03426	.36868	-.10062	.93152	.68060	.96982	1.19772	933.64100
.950	5.989	.03247	.37922	-.05181	.96380	.69880	.98404	1.20882	933.74200
.950	7.985	.08217	.37522	-.02039	.98540	.71654	.99357	1.21153	932.52800
.949	9.968	.08615	.37469	-.00416	.99698	.72524	.99867	1.21370	932.02500
.950	12.032	.07405	.37446	.00021	1.00016	.72767	1.00007	1.21452	932.72900
.950	14.000	.01458	.36624	-.00106	.99923	.73137	.99966	1.21093	932.41700
.950	15.959	.03634	.36240	-.01243	.99096	.72736	.99602	1.20751	932.52600
.950	18.010	.01165	.36120	-.04099	.97077	.71317	.98712	1.20288	929.55300
	GRADIENT	-.00039	.01110	.05111	.02734	.01550	.01204	.00935	.10769

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 147/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.978	-1.951	.03949	.29571	-.34000	.79214	.61136	.90475	1.15290	975.86900
.979	.004	.02178	.30463	-.23495	.84740	.64953	.92999	1.16770	975.64200
.980	1.929	.04838	.33886	-.15678	.89518	.66861	.95185	1.19247	977.87000
.980	3.952	.02860	.39287	-.09689	.93497	.67125	.97014	1.22388	979.41300
.980	5.970	.02823	.39733	-.05014	.96536	.69086	.98410	1.23296	978.70000
.979	7.957	.02060	.39452	-.02006	.98582	.70693	.99350	1.23639	976.87200
.977	9.994	.00535	.39042	-.00361	.99741	.71735	.99881	1.23641	974.24700
.980	12.005	.06057	.39284	.00113	1.00082	.71854	1.00037	1.23959	977.16400
.977	13.977	-.01122	.38307	-.00061	.99956	.72271	.99980	1.23372	976.08800
.978	16.022	.03146	.38092	-.01257	.99098	.71763	.99587	1.23092	975.57100
.978	18.021	-.00828	.38048	-.03943	.97223	.70427	.98728	1.22663	979.34500
	GRADIENT	-.00034	.01662	.04109	.02424	.01009	.01110	.01212	.65539

RUN NO. 238/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.050	-4.011	-.04137	.42452	-.46968	.75227	.52809	.87547	1.22611	954.06400
1.050	-2.006	-.03995	.40791	-.33092	.80994	.57527	.90441	1.23675	954.16200
1.050	-.055	-.05610	.39897	-.22853	.85984	.61462	.92949	1.24721	953.96800
1.050	1.946	-.05909	.42065	-.15132	.90401	.63633	.95165	1.27002	953.65400
1.050	3.967	-.03072	.47790	-.09343	.94082	.63659	.97015	1.30671	953.76600
1.050	5.950	-.02846	.48322	-.04913	.96822	.65279	.98390	1.31809	955.19200
1.050	8.010	-.04364	.47691	-.01933	.98737	.66854	.99351	1.32127	953.67100
1.050	9.991	-.02923	.47622	-.00459	.99720	.67552	.99844	1.32452	954.06100
1.050	11.987	-.05063	.47473	.00022	1.00045	.67840	1.00006	1.32461	953.66600
1.050	14.029	-.04983	.46517	-.00155	.99925	.68200	.99947	1.32004	955.28400
1.049	15.995	-.05507	.45778	-.01154	.99242	.68078	.99606	1.31354	953.89800
1.050	17.990	-.04488	.45899	-.03573	.97639	.66922	.98799	1.30995	955.69100
	GRADIENT	.00013	.00604	.04679	.02366	.01395	.01188	.00978	-.05535

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 138/ 0 RN/L = 3.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.101	-1.969	.03297	.46172	-.31750	.82327	.56322	.90501	1.29536	1010.92000
1.099	.055	-.02458	.44773	-.21639	.87169	.60210	.93093	1.30484	1005.99000
1.099	2.012	-.02394	.46560	-.14488	.91181	.62214	.95225	1.32705	1007.56000
1.101	4.037	.03866	.52142	-.09152	.94524	.62128	.96979	1.36805	1011.11000
1.098	6.006	-.02105	.52087	-.04942	.97038	.63804	.98331	1.37466	1006.59000
1.101	8.047	.03941	.51236	-.02307	.98704	.65265	.99200	1.37983	1015.59000
1.098	10.017	-.03499	.51269	-.00707	.99727	.65927	.99753	1.38147	1021.20000
1.102	12.052	.02985	.51154	-.00426	.99932	.66113	.99850	1.38497	1023.96000
1.099	14.010	-.01494	.49953	-.00530	.99846	.66585	.99813	1.37630	1021.21000
1.100	16.025	.03519	.49500	-.01424	.99260	.66394	.99498	1.37265	1022.56000
1.100	18.045	.03500	.49403	-.03649	.97815	.65471	.98732	1.36667	1023.48000
	GRADIENT	.00089	.00986	.03752	.02033	.00972	.01080	.01203	.10566

RUN NO. 240/ 0 RN/L = 3.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.149	-3.934	.03267	.48635	-.40739	.78950	.53117	.87956	1.32670	1058.59000
1.150	-1.988	.03226	.47099	-.29819	.83636	.56857	.90562	1.33874	1062.42000
1.148	.000	.03353	.45508	-.20815	.87987	.60469	.93004	1.34685	1049.67999
1.150	1.998	.03197	.46110	-.14085	.91749	.62795	.95076	1.36649	1057.02000
1.150	4.013	.05268	.52538	-.09137	.94915	.62223	.96833	1.41434	1062.39999
1.150	6.026	.03196	.52593	-.05188	.97285	.63755	.98159	1.42431	1052.59000
1.149	8.010	.03001	.52537	-.02763	.98799	.64770	.99004	1.43025	1055.16000
1.149	10.080	.02214	.52651	-.01346	.99708	.65318	.99511	1.43474	1057.81000
1.150	12.022	.02363	.52827	-.00965	.99961	.65408	.99649	1.43722	1061.89999
1.146	14.094	.04003	.51705	-.00925	.99949	.65884	.99662	1.42790	1053.02000
1.147	16.036	.03201	.51317	-.01735	.99423	.65705	.99367	1.42393	1056.20000
1.149	18.044	.03111	.51778	-.03593	.98257	.64737	.98706	1.42328	1059.89000
	GRADIENT	.00201	.00347	.03967	.02013	.01212	.01119	.01023	.11619

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 141/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.199	-1.874	.06219	.43684	-.26709	.8538	.59409	.90796	1.36463	1107.88000
1.200	.013	.05093	.41626	-.19275	.89118	.62925	.92958	1.36895	1112.17000
1.199	2.024	.06468	.42078	-.13500	.92444	.65065	.94905	1.38466	1109.50000
1.198	4.065	.06276	.49267	-.09255	.95302	.63847	.96576	1.44093	1108.50000
1.200	5.985	.05268	.50433	-.05753	.97517	.64824	.97835	1.46045	1110.37000
1.198	8.062	.06082	.51550	-.03489	.98926	.65276	.98681	1.47123	1111.81000
1.198	10.072	.06415	.52218	-.02200	.99771	.65545	.99164	1.47995	1110.67999
1.198	12.020	.07192	.52547	-.01926	.99944	.65517	.99269	1.48225	1108.97000
1.201	13.911	.05199	.51704	-.02128	.99860	.65826	.99186	1.48028	1112.39999
1.199	16.059	.06624	.51811	-.02651	.99490	.65535	.98992	1.47700	1108.80000
1.200	18.069	.06521	.51553	-.04183	.98516	.65004	.98422	1.47129	1111.52000
	GRADIENT	.00081	.00884	.02925	.01669	.00770	.00971	.01243	-.05320

RUN NO. 143/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.301	-2.099	.02084	.17459	-.21700	.87247	.74279	.90025	1.22270	1092.41000
1.299	-.054	.02245	.20068	-.16200	.91026	.75812	.92408	1.26020	1092.48000
1.300	1.992	.01930	.25846	-.12645	.93900	.74615	.94165	1.33045	1094.03999
1.301	3.918	.02128	.32257	-.10318	.95884	.72498	.95371	1.40156	1095.47000
1.299	6.013	.02304	.33825	-.07472	.97840	.73111	.96624	1.42278	1093.42000
1.300	7.959	.02137	.32297	-.05496	.99214	.74993	.97451	1.41505	1095.60001
1.301	9.958	.02969	.35482	-.04579	.99970	.73788	.97910	1.44906	1095.25999
1.299	12.010	.03138	.44695	-.04241	1.00378	.69372	.98181	1.53076	1093.61000
1.299	14.013	.03011	.55890	-.04902	1.00160	.64250	.98053	1.61422	1090.10001
1.300	15.979	.02479	.46687	-.05160	.99816	.68047	.97829	1.54407	1092.95000
1.298	18.014	.02671	.47415	-.06768	.98755	.66991	.97198	1.54249	1092.99001
	GRADIENT	-.00009	.02491	.01880	.01435	-.00321	.00887	.03015	.53278

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR011) (26 JUL 78)

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BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 145/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.401	-1.978	-.03899	.11247	-.21492	.89267	.80243	.88893	1.18512	1125.17000
1.401	.046	-.04466	.13469	-.18194	.91800	.80903	.90519	1.22359	1122.73000
1.399	1.976	-.04320	.16220	-.15022	.94266	.81110	.92157	1.26907	1125.49001
1.398	3.877	-.04274	.20406	-.12176	.96638	.80260	.93711	1.33435	1121.27000
1.400	5.875	-.04540	.21095	-.09612	.98671	.81482	.94956	1.35241	1126.42999
1.399	7.959	-.04244	.21438	-.07805	1.00027	.82369	.95861	1.36124	1122.00999
1.401	9.928	-.04313	.22763	-.08128	.99899	.81376	.95740	1.37996	1121.17999
1.399	11.970	-.03625	.22881	-.06996	1.00733	.81976	.96307	1.38394	1124.44000
1.400	13.987	-.03894	.23443	-.06866	1.00885	.81726	.96387	1.39268	1124.89000
1.401	15.964	-.04001	.23963	-.07149	1.00727	.81256	.96258	1.39982	1122.55000
1.398	17.979	-.03897	.23945	-.08219	.99815	.80532	.95740	1.39409	1123.67000
	GRADIENT	-.00051	.01547	.01597	.01261	.00016	.00825	.02525	-.45764

RUN NO. 242/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.550	-3.908	-.12939	.13543	-.33411	.87438	.77009	.83020	1.27185	1058.66000
1.550	-1.938	-.13664	.14099	-.28216	.90726	.79515	.85194	1.29218	1055.67999
1.549	.101	-.13415	.16660	-.23954	.93852	.80449	.87283	1.34889	1055.52000
1.549	2.006	-.13436	.18163	-.20770	.96216	.81426	.88839	1.38508	1056.98000
1.551	4.041	-.13181	.21327	-.18340	.98330	.81046	.90191	1.45088	1057.16000
1.550	6.042	-.13033	.23938	-.16384	.99924	.80624	.91283	1.50258	1055.86000
1.550	8.071	-.12786	.26501	-.15160	1.01032	.79867	.92010	1.55127	1054.28000
1.550	10.068	-.12125	.27105	-.14212	1.01771	.80068	.92491	1.56542	1056.60001
1.550	12.078	-.11810	.27998	-.14034	1.01968	.79664	.92622	1.58107	1057.33000
1.549	14.111	-.12056	.28304	-.13822	1.02121	.79593	.92740	1.58645	1055.52000
1.550	16.076	-.12176	.28410	-.13669	1.02277	.79649	.92815	1.58977	1056.02000
	GRADIENT	-.00013	.00990	.01894	.01375	.00503	.00907	.02274	-.08662

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

REFERENCE DATA

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 137/ 0 RN/L = 2.28 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.199	-1.834	1.95535	-.04047	-.47597	.66849	.69669	.99093	.99921	100.50300
.201	.185	2.04675	.06443	-.30097	.77966	.73247	.99388	1.00135	102.09200
.201	2.159	2.06043	.09904	-.18907	.85325	.77636	.99594	1.00219	101.72800
.200	4.155	2.01016	.12156	-.10261	.91623	.81693	.99769	1.00282	101.54600
.200	6.093	1.97849	.11755	-.04646	.96017	.85917	.99890	1.00286	101.20400
.200	7.827	1.79194	.12962	-.01555	.98644	.87325	.99963	1.00319	100.91400
.200	9.847	1.70553	.13723	-.00573	.99509	.87501	.99986	1.00339	100.73000
.200	11.799	1.82293	.13630	-.00326	.99719	.87758	.99992	1.00337	100.78300
.200	13.699	1.80752	.12479	-.01057	.99075	.88083	.99974	1.00310	100.75000
.199	15.718	1.83309	.09757	-.03752	.96693	.88097	.99910	1.00241	100.37900
	GRADIENT	.00897	.02614	.06181	.04098	.02028	.00112	.00059	.13950

RUN NO. 245/ 0 RN/L = 1.83 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.252	-2.013	1.92393	-.01887	-.49021	.66687	.67970	.98561	.99942	102.37200
.252	.002	2.04735	.05447	-.31672	.76902	.72930	.99003	1.00179	102.97800
.252	1.995	2.07041	.11449	-.19888	.84860	.76142	.99344	1.00395	103.28900
.252	3.987	2.07997	.12625	-.10811	.91243	.81014	.99622	1.00461	102.87300
.251	6.020	2.10500	.12263	-.04543	.96115	.85617	.99834	1.00468	101.92900
.250	7.934	2.00625	.12438	-.01368	.98803	.87873	.99949	1.00487	101.92900
.250	9.843	1.69448	.15244	-.00328	.99718	.86528	.99988	1.00586	101.51500
.251	11.909	1.88358	-.00556	.00000	.00000	-22.48510	.00000	1.00559	102.03300
.251	13.898	1.92431	.11702	-.00871	.99227	.88832	.99967	1.00466	102.45500
.252	15.921	1.93182	.09658	-.03730	.96714	.88196	.99858	1.00383	102.97500
	GRADIENT	.02461	.02480	.06326	.04084	.02118	.00176	.00089	.00076

RUN NO. 135/ 0 RN/L = 2.15 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.400	-1.936	2.04605	.00055	-.43827	.69542	.69504	.96813	1.00004	193.71200
.401	.022	2.05671	.05460	-.28535	.78705	.74630	.97766	1.00477	194.09500
.401	2.016	2.04142	.11190	-.17721	.86254	.77573	.98558	1.01017	194.15500
.401	4.002	2.04299	.13399	-.09585	.92207	.81312	.99181	1.01279	194.36900
.402	5.965	2.05162	.13176	-.04402	.96258	.85051	.99606	1.01317	194.59300
.400	7.900	1.94379	.13285	-.01281	.98884	.87288	.99883	1.01354	193.48500
.399	9.957	1.83495	.15436	-.00217	.99814	.86467	.99981	1.01551	192.56400
.399	11.830	1.83907	.16122	.00087	1.00078	.86183	1.00008	1.01615	192.48700
.398	13.838	1.85170	.13758	-.00822	.99286	.87278	.99926	1.01384	191.12400
.398	15.862	1.87664	.11260	-.03112	.97279	.87434	.99719	1.01133	190.86200
	GRADIENT	-.00124	.02310	.05730	.03813	.01936	.00399	.00220	.10243

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 133/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.600	-1.926	1.95809	.02487	-.39893	.71982	.70236	.93948	1.00481	457.49300
.600	.080	1.95860	.03448	-.25233	.80838	.75941	.95859	1.01350	457.38900
.601	2.085	1.96682	.11761	-.15847	.87582	.78366	.97311	1.02547	458.30300
.601	4.085	1.97066	.14682	-.08719	.92936	.81037	.98467	1.03295	459.42600
.601	7.998	1.95717	.16192	-.01218	.98964	.85173	.99775	1.03817	459.01400
.601	10.061	1.89968	.16796	-.00018	.99984	.85606	.99997	1.03973	458.20300
.601	11.884	1.93373	.16559	.00037	1.00032	.85821	1.00007	1.03923	458.00100
.601	13.886	1.98200	.15434	-.00511	.99560	.86248	.99905	1.03675	458.10100
.600	15.897	2.01520	.13428	-.02637	.97729	.86160	.99509	1.03186	457.18700
.598	17.853	2.00446	.11809	-.06686	.94359	.84393	.98787	1.02729	455.15100
	GRADIENT	.00229	.02091	.05137	.03474	.01739	.00749	.00481	.33497

RUN NO. 130/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.698	-1.959	2.00075	.04112	-.36958	.73803	.70888	.92718	1.01122	588.13600
.700	.082	1.98223	.08170	-.23686	.82037	.75840	.94985	1.02400	591.91300
.700	2.041	2.00788	.13207	-.14867	.88393	.78080	.96760	1.03993	590.98300
.701	4.095	1.99505	.16542	-.08307	.93347	.80097	.98138	1.05149	593.02100
.701	6.090	2.02958	.17072	-.03662	.96968	.82828	.99151	1.05493	592.19600
.702	7.969	1.97410	.17422	-.01240	.98955	.84273	.99707	1.05715	593.62900
.702	10.040	1.87970	.17834	-.00043	.99964	.84835	.99990	1.05887	594.35300
.700	11.880	1.90655	.17987	.00115	1.00099	.84839	1.00027	1.05905	590.67600
.700	13.862	1.93882	.17002	-.00430	.99635	.85156	.99898	1.05605	591.29500
.700	15.860	1.95279	.16616	-.02217	.98136	.84153	.99479	1.05416	591.70300
.700	17.910	1.97817	.14666	-.06125	.94930	.82788	.98586	1.04693	590.38000
	GRADIENT	.00039	.02102	.04710	.03229	.01485	.00896	.00679	.68512

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

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LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 231/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.800	-3.939	2.03094	.05835	-.49541	.68116	.64361	.89030	1.01970	728.59700
.800	-2.045	2.07342	.07457	-.33975	.75978	.70706	.91745	1.02761	725.84000
.800	.000	2.05554	.11090	-.22367	.83241	.74931	.94236	1.04356	727.67900
.799	1.978	2.05768	.16256	-.14443	.88950	.76512	.96204	1.06509	727.28000
.800	3.989	2.08144	.20059	-.08227	.93587	.77951	.97795	1.08134	727.16900
.800	6.006	2.10920	.20346	-.03784	.96952	.80561	.98951	1.08594	728.19100
.800	7.947	2.06394	.20452	-.01278	.98951	.82150	.99639	1.08804	727.78400
.800	10.017	1.85387	.21298	-.00168	.99862	.82327	.99952	1.09186	728.30300
.800	11.941	1.88748	.21085	-.00012	.99990	.82579	.99997	1.09123	728.91900
.800	13.904	1.91571	.20461	-.00299	.99753	.82810	.99915	1.08881	728.70900
.800	15.895	1.91011	.20334	-.02045	.98330	.81714	.99425	1.08715	729.01300
.798	17.981	1.94270	.19456	-.05636	.95495	.79942	.98456	1.08112	724.73700
.798	18.963	1.95260	.18743	-.08186	.93551	.78784	.97789	1.07706	726.48500
	GRADIENT	.00425	.01876	.05131	.03213	.01655	.01105	.00816	-.06792

RUN NO. 233/ 0 RN/L = 3.96 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.849	-3.974	2.05947	.09107	-.46118	.70290	.64423	.88830	1.03534	792.10900
.850	-2.002	2.09662	.10480	-.31633	.77741	.70367	.91619	1.04453	798.86000
.851	-.034	2.11406	.13245	-.21214	.84223	.74372	.94053	1.05959	797.20700
.851	1.965	2.12168	.18826	-.13618	.89718	.75504	.96122	1.08607	799.86700
.850	3.993	2.08435	.22566	-.07910	.93938	.76643	.97719	1.10432	796.61500
.850	5.964	2.14451	.22782	-.03597	.97154	.79127	.98928	1.10897	797.62300
.849	7.944	2.06393	.22806	-.01224	.99014	.80626	.99629	1.11085	796.20700
.849	10.033	1.84843	.23641	-.00168	.99864	.80769	.99949	1.11507	796.21500
.850	11.921	1.83561	.23413	-.00022	.99982	.81014	.99993	1.11458	796.91200
.850	13.923	1.91607	.22785	-.00391	.99683	.81186	.99881	1.11162	795.68800
.850	15.908	1.90609	.22859	-.01956	.98433	.80119	.99410	1.11050	795.68600
.849	17.942	1.92925	.22315	-.05302	.95845	.78360	.98438	1.10535	796.31700
	GRADIENT	.00372	.01774	.04740	.02977	.01483	.01119	.00903	.4998

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 235/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.900	-3.941	2.05678	.13369	-.43375	.72416	.63596	.88717	1.06105	864.91300
.900	-2.084	2.07112	.14275	-.30591	.78884	.69029	.91366	1.06816	865.63500
.900	-.046	2.11651	.16166	-.20346	.85096	.73254	.93910	1.08183	864.72400
.900	1.976	2.08994	.22018	-.13140	.90279	.73988	.96025	1.11265	865.22700
.900	3.982	2.10629	.26139	-.07642	.94288	.74749	.97666	1.13501	864.31100
.899	5.913	2.16409	.25950	-.03633	.97197	.77171	.98856	1.13807	861.25800
.900	7.882	2.02661	.26242	-.01245	.99024	.78440	.99501	1.14213	863.70500
.900	10.011	1.84314	.26888	-.00159	.99876	.78711	.99949	1.14631	865.02400
.900	11.896	1.82934	.26806	-.00011	.99992	.78854	.99997	1.14602	864.72500
.900	13.993	1.90588	.25996	-.00347	.99726	.79150	.99888	1.14234	865.63100
.900	15.923	1.87786	.26046	-.01790	.98600	.78226	.99428	1.14071	864.83100
.900	17.912	1.87469	.26045	-.04819	.96318	.76416	.98495	1.13756	865.12700
	GRADIENT	.00589	.01628	.04457	.02767	.01363	.01132	.00969	-.08243

RUN NO. 237/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.950	-4.053	2.03607	.19708	-.42266	.73906	.61738	.88502	1.09585	933.64200
.949	-1.984	2.10660	.19608	-.29058	.80455	.67265	.91396	1.10372	930.79400
.949	-.008	2.07007	.20577	-.19764	.85917	.71255	.93801	1.11528	929.98000
.951	2.023	2.04860	.26237	-.12799	.90795	.71924	.95940	1.14888	934.14100
.950	3.944	2.10564	.30378	-.07662	.94449	.72443	.97555	1.17328	933.65000
.950	6.031	2.08938	.30222	-.03491	.97390	.74787	.98849	1.17816	933.22800
.950	7.948	1.99201	.30528	-.01275	.99033	.75871	.99574	1.18250	931.70000
.951	9.957	1.96853	.30795	-.00192	.99853	.76343	.99935	1.18564	933.21700
.950	11.951	1.82302	.30952	-.00020	.99985	.76352	.99993	1.18594	934.16400
.949	13.889	1.89959	.29989	-.00323	.99752	.76739	.99891	1.18097	930.69300
.950	15.961	1.95515	.29896	-.01721	.98693	.75978	.99424	1.17896	931.69900
.950	17.916	1.94772	.30222	-.04610	.96581	.74166	.98493	1.17662	933.95100
	GRADIENT	.00406	.01394	.04281	.02574	.01308	.01134	.00998	.16569

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 148/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.976	-2.013	1.94347	.21211	-.27358	.81586	.67309	.91591	1.11999	970.70800
.979	.038	2.03645	.23092	-.18647	.86845	.70553	.93965	1.13807	978.19800
.979	1.975	2.07030	.28873	-.12508	.91153	.70731	.95943	1.17293	980.04900
.979	3.999	2.05086	.32719	-.07324	.94771	.71407	.97602	1.19794	977.99800
.981	6.014	2.10355	.32491	-.03377	.97515	.73601	.98857	1.20356	980.92200
.980	7.954	2.02127	.32975	-.01187	.99115	.74537	.99594	1.20878	977.97900
.980	9.914	1.92413	.32858	-.00157	.99882	.75180	.99946	1.20972	976.44700
.982	12.005	1.93101	.32893	-.00039	.99971	.75226	.99986	1.21127	977.93100
.980	13.912	1.93635	.32314	-.00275	.99793	.75421	99905	1.20698	974.09100
.980	15.939	1.94520	.32298	-.01466	.98904	.74759	.99497	1.20499	974.30300
.979	17.970	1.96969	.31978	-.04322	.96829	.73367	.98545	1.19892	975.84700
	GRADIENT	.01787	.02014	.03318	.02197	.00627	.01002	.01344	1.19175

RUN NO. 239/ 0 RN/L = 3.81 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.049	-4.003	1.89573	.32804	-.39097	.77279	.58190	.88587	1.19223	954.29000
1.050	-1.958	1.95303	.31870	-.26916	.83073	.62996	.91489	1.20238	953.05500
1.050	-.003	2.00471	.31004	-.18273	.87785	.67009	.93855	1.20938	953.05800
1.050	2.027	2.00477	.35780	-.12024	.91892	.67677	.95917	1.24395	953.98100
1.050	4.028	2.01448	.40940	-.07192	.95174	.67528	.97562	1.27883	954.37100
1.050	6.044	2.08477	.39928	-.03414	.97648	.69784	.98804	1.28084	953.15600
1.050	8.002	2.01184	.40535	-.01241	.99155	.70555	.99560	1.28866	954.76800
1.050	10.020	2.03389	.40465	-.00234	.99863	.71095	.99917	1.28992	954.79200
1.050	11.946	1.93586	.40601	-.00085	.99969	.71101	.99970	1.29085	953.47000
1.049	13.924	1.96242	.39523	-.00296	.99816	.71541	.99894	1.28466	952.15800
1.050	15.950	1.99986	.39006	-.01520	.98947	.71182	.99457	1.27964	952.55500
1.051	17.949	2.00207	.39633	-.04075	.97194	.69607	.98575	1.27848	955.37700
	GRADIENT	.01442	.01007	.03927	.02225	.01165	.01116	.01072	.05400

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 139/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.098	-1.979	1.93984	.36184	-.25972	.84144	.61787	.91504	1.25209	1019.50000
1.101	.040	2.03548	.36285	-.17701	.88688	.65076	.93883	1.26800	1022.02000
1.101	2.035	2.06642	.42231	-.12137	.92329	.64915	.95816	1.31122	1020.90000
1.099	4.029	2.01599	.44049	-.07551	.95203	.66091	.97356	1.32868	1023.32000
1.099	6.084	2.04144	.44327	-.03990	.97502	.67556	.98571	1.33855	1019.62000
1.097	7.996	1.99455	.45427	-.03892	.97577	.67037	.98618	1.34322	1019.34000
1.098	10.037	2.03451	.44197	-.01388	.99237	.68821	.99494	1.34312	1019.28000
1.102	11.854	1.86207	.44521	-.01490	.99189	.68633	.99457	1.34745	1022.87000
1.098	13.940	1.97139	.43828	-.01480	.99171	.68951	.99460	1.34072	1017.97000
1.101	15.878	1.91212	.43360	-.01976	.98844	.68948	.99277	1.33921	1021.83000
1.100	17.905	1.93313	.43098	-.04108	.97407	.68070	.98516	1.33235	1021.68000
1.100	19.879	.30789	.50145	-.06911	.95793	.63800	.97661	1.36234	1020.88000
	GRADIENT	.01300	.01474	.03039	.01840	.00638	.00974	.01363	.51691

RUN NO. 241/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.149	-3.944	2.00688	.38101	-.33355	.81018	.58666	.89112	1.28246	1056.82001
1.149	-1.937	2.01399	.36856	-.23918	.85625	.62565	.91671	1.29158	1055.36000
1.150	.036	2.02871	.35759	-.16507	.89687	.66064	.93929	1.29894	1058.86000
1.150	2.026	2.06033	.38870	-.11155	.93118	.67054	.95834	1.33017	1063.85001
1.150	4.020	2.04605	.44664	-.07037	.95926	.66309	.97402	1.37473	1055.02000
1.149	6.066	2.04735	.44958	-.03753	.98050	.67640	.98587	1.38450	1059.00999
1.150	7.932	1.98545	.46198	-.01889	.99312	.67930	.99286	1.39732	1056.30000
1.149	9.882	1.89758	.46840	-.01123	.99825	.67982	.99575	1.40263	1057.19000
1.149	11.917	1.87358	.47300	-.00863	1.00003	.67891	.99674	1.40608	1058.39999
1.148	13.894	1.90700	.46187	-.01045	.99862	.68311	.99603	1.39786	1059.78000
1.150	15.889	1.91221	.46406	-.02021	.99221	.67771	.99238	1.39778	1057.87000
1.150	17.908	1.93465	.46770	-.04073	.97878	.66688	.98488	1.39482	1061.46001
	GRADIENT	.00627	.00761	.03288	.01876	.00994	.01043	.01122	.24448

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 142/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.197	-1.990	2.04311	.33437	-.22180	.86773	.65029	.91646	1.30424	1109.78000
1.199	.070	2.04395	.32556	-.15613	.90560	.68318	.93813	1.31245	1111.12000
1.198	2.066	2.05053	.36751	-.11088	.93626	.68464	.95599	1.35299	1109.92999
1.198	4.019	2.06599	.41653	-.07289	.96260	.67955	.97129	1.39690	1109.67999
1.198	6.032	2.08807	.43333	-.04493	.98137	.68468	.98217	1.41605	1109.17000
1.201	7.929	2.02582	.45400	-.02921	.99268	.68272	.98841	1.43747	1114.09000
1.197	10.006	1.81744	.48395	-.02195	.99727	.67204	.99146	1.45538	1110.11000
1.197	11.894	1.85774	.48700	-.02212	.99706	.67052	.99141	1.45640	1108.97000
1.202	13.907	1.90837	.46553	-.02215	.99768	.68077	.99123	1.44812	1114.62000
1.199	15.883	1.90826	.45228	-.02889	.99250	.68341	.98855	1.43407	1110.64000
1.198	17.907	1.90941	.45967	-.04653	.98077	.67191	.98189	1.43248	1109.91000
	GRADIENT	.00374	.01432	.02460	.01576	.00451	.00911	.01586	-.07208

RUN NO. 144/ 0 RN/L = 3.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.300	-1.965	1.97817	.08609	-.18041	.88625	.81600	.90894	1.12047	1094.70000
1.298	.020	2.02979	.09056	-.13230	.92120	.84470	.93094	1.13072	1095.37000
1.299	1.979	2.06454	.11722	-.09083	.94920	.84961	.94803	1.17042	1092.78000
1.299	4.006	2.04174	.15031	-.07362	.97101	.84413	.96158	1.21712	1098.08000
1.301	6.040	2.10263	.15992	-.05595	.98594	.85001	.97058	1.23317	1095.05000
1.299	7.952	2.02213	.17234	-.04110	.99804	.85133	.97837	1.25084	1092.63000
1.299	9.998	2.00536	.19125	-.03957	.99992	.83939	.97947	1.27464	1096.84000
1.301	11.905	1.88984	.21089	-.03660	1.00330	.82856	.98124	1.30000	1094.32001
1.301	13.902	1.92981	.23756	-.03990	1.00122	.80902	.98003	1.32968	1097.20000
1.300	15.964	1.95750	.26640	-.04588	.99712	.78737	.97767	1.35915	1092.39000
1.299	17.930	1.96522	.28117	-.06084	.98617	.76974	.97106	1.36994	1096.69000
	GRADIENT	.01129	.01105	.01779	.01420	.00448	.00881	.01660	.38498

OA232 AEDC 16T TF431 LA .2P/S RA .2A (1VR012) (26 JUL 78)

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SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 146/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.399	-3.951	1.92708	.06826	-.25120	.86175	.80669	.86957	1.11256	1122.75999
1.399	-2.062	1.98129	.07861	-.20496	.89469	.82948	.89055	1.13348	1125.28000
1.399	-.026	1.97470	.10454	-.16412	.92695	.83921	.91133	1.17958	1120.83000
1.399	2.010	1.98051	.15089	-.13611	.95195	.82715	.92752	1.25530	1124.50000
1.401	4.008	2.00170	.18815	-.11350	.97232	.81835	.94017	1.31592	1126.91000
1.400	6.040	2.10302	.18997	-.08633	.99282	.83432	.95362	1.32467	1121.69000
1.400	8.038	2.10702	.19640	-.09652	.98542	.82366	.94881	1.33149	1126.08000
1.400	10.115	1.94794	.20128	-.06884	1.00711	.83836	.96284	1.34564	1122.38000
1.401	11.977	1.97140	.20958	-.07684	1.00152	.82799	.95903	1.35595	1124.78999
1.399	13.972	2.00552	.21473	-.08324	.99636	.82023	.95605	1.36045	1124.20000
1.400	15.995	2.01067	.22101	-.08788	.99357	.81372	.95394	1.36881	1123.71001
1.399	18.010	2.02016	.21616	-.08516	.99494	.81810	.95515	1.36184	1122.42999
	GRADIENT	.00737	.01565	.01720	.01391	.00101	.00891	.02649	.37561

RUN NO. 243/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
1.550	-3.884	1.77379	.10498	-.31314	.88171	.79794	.83511	1.21828	1055.82001
1.550	-1.889	1.84667	.10885	-.26692	.91212	.82259	.85510	1.23340	1056.42000
1.550	.100	1.85984	.13231	-.22547	.94382	.83353	.87597	1.28755	1056.62000
1.550	2.143	1.86100	.17115	-.19883	.96723	.82589	.89164	1.36819	1055.67000
1.550	4.161	1.87869	.17721	-.17651	.98396	.83584	.90264	1.38588	1055.81000
1.550	6.194	1.95135	.20745	-.15565	1.00227	.83007	.91474	1.44859	1057.78999
1.550	8.107	2.01912	.22538	-.14791	1.00982	.82409	.91956	1.48419	1054.97000
1.550	10.075	1.93643	.23424	-.13732	1.01816	.82493	.92525	1.50333	1056.92999
1.549	11.895	1.99044	.23968	-.13792	1.01777	.82100	.92528	1.51193	1054.12000
1.550	13.923	2.04652	.24339	-.13814	1.01841	.81906	.92533	1.51944	1057.53000
1.549	15.882	2.09257	.25702	-.14113	1.01689	.80897	.92466	1.54102	1056.83000
1.549	17.875	2.09671	.26046	-.15679	1.00608	.79818	.91741	1.54119	1054.00999
	GRADIENT	.01111	.01028	.01695	.01290	.00392	.00852	.02337	-.03885

OA232 AEDC 16T TF431 LA .2P/S RA .2A INV (1VR013) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 131/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	QCOMP
.700	-1.945	-.21587	.11279	-.47167	.70232	.63113	.91695	1.02755	590.78400
.701	.002	-.17182	.13999	-.30232	.79040	.69334	.94143	1.03764	591.59000
.702	2.035	-.12579	.17678	-.18826	.86209	.73258	.96137	1.05038	592.59800
.702	4.113	-.08251	.22224	-.10954	.91776	.75088	.97692	1.06508	592.89100
.703	6.181	-.03740	.23146	-.05125	.96006	.77961	.98879	1.07041	594.01900
	GRADIENT	.02207	.01810	.05925	.03547	.01965	.00988	.00621	.36190

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 188/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.200	-1.708	.10331	.01770	1.00032	100.75000	-.55462
.200	.137	.10451	.09384	1.00181	101.43000	-.37263
.200	2.134	.10608	.14592	1.00299	100.72300	-.23177
.200	4.213	.10742	.18465	1.00397	101.09600	-.13037
.200	6.138	.10875	.19262	1.00433	101.19200	-.06514
.201	8.137	.11107	.19864	1.00466	102.40500	-.02290
.201	10.165	.11210	.20502	1.00487	102.41900	-.00134
.202	12.171	.11333	.20627	1.00495	103.33200	.00144
.203	14.189	.11512	.18855	1.00458	104.17700	-.01227
.203	16.176	.11651	.17161	1.00415	104.51700	-.03940
	GRADIENT	.00070	.02785	.00061	.01537	.07125

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 190/ 0 RN/L = 2.13 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.396	-1.917	.07926	.07698	1.00533	189.34400	-.56873
.397	.032	.07939	.12026	1.00932	190.37200	-.35863
.397	1.999	.07942	.16031	1.01331	190.35000	-.22085
.397	4.009	.07838	.21139	1.01812	190.55400	-.12770
.397	6.022	.07849	.21187	1.01912	190.81300	-.06191
.398	8.027	.07906	.21111	1.01972	191.13000	-.02202
.398	10.028	.07938	.21556	1.02043	191.34500	-.00158
.397	12.033	.07921	.21775	1.02061	190.77300	.00317
.397	14.026	.07911	.20443	1.01938	190.50400	-.00644
.397	16.049	.08105	.19221	1.01806	190.69000	-.03009
	GRADIENT	-.00013	.02246	.00215	.18216	.07389

RUN NO. 159/ 0 RN/L = 3.23 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.598	-2.039	-.04092	.09676	1.01650	455.68700	-.50602
.600	.111	-.04529	.13494	1.02573	457.90300	-.31099
.600	2.039	-.04698	.17057	1.03444	458.62700	-.19621
.600	3.993	-.04908	.22315	1.04591	457.80200	-.11689
.600	6.000	-.04848	.22566	1.04844	456.04600	-.05733
.601	8.000	-.04855	.22289	1.04952	459.34600	-.02073
.600	10.064	-.04538	.22903	1.05123	456.78200	-.00064
.599	12.040	-.04187	.23252	1.05199	455.85400	.00396
.599	14.029	-.03714	.21981	1.04935	456.26900	-.00372
.599	16.077	-.03416	.20935	1.04663	455.86400	-.02213
	GRADIENT	-.00131	.02068	.00484	.30023	.06431

RUN NO. 186/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.700	-2.042	-.00816	.12483	1.03027	590.15300	-.47243
.700	.148	-.00931	.14487	1.03903	590.48200	-.28982
.702	2.066	-.01194	.16823	1.04845	593.10700	-.18432
.701	3.979	-.01170	.22655	1.06573	592.09400	-.11208
.701	5.966	-.01104	.24445	1.07288	591.48800	-.05639
.700	8.031	-.01014	.24442	1.07494	591.69800	-.01973
.701	10.046	-.00879	.24815	1.07701	591.79400	-.00167
.699	12.047	-.00423	.25155	1.07777	590.59700	.00326
.698	14.050	-.00098	.23983	1.07426	587.31200	-.00329
.696	16.054	.00175	.23048	1.07059	585.02500	-.01778
	GRADIENT	-.00064	.01631	.00976	.42360	.05972

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 193/ 0 RN/L = 3.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.798	-1.998	.03057	.17275	1.05622	725.86500	-.43143
.800	.022	.03419	.18757	1.06688	727.77900	-.28330
.800	1.984	.03678	.20529	1.07766	727.37600	-.17998
.800	3.965	.03853	.26621	1.10144	727.36700	-.10981
.800	5.997	.04188	.27743	1.10911	727.57700	-.05592
.800	7.982	.04455	.27555	1.11127	727.27300	-.02231
.800	10.011	.04803	.28196	1.11499	727.26800	-.00411
.800	11.995	.05201	.28381	1.11602	727.78300	.00186
.799	13.938	.05841	.27634	1.11314	726.56200	-.00197
.799	16.024	.06224	.27158	1.11035	722.25300	-.01473
	GRADIENT	.00133	.01500	.00737	.20817	.05385

RUN NO. 214/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.850	-1.977	-.01089	.18633	1.07771	797.01800	.00000
.850	-.062	-.01061	.19610	1.08702	797.12700	.00000
.849	1.935	-.01186	.20959	1.09754	795.81100	.00000
.850	3.949	-.00934	.27583	1.12766	797.43700	.00000
.850	5.957	-.00837	.28483	1.13508	797.23600	.00000
.850	7.985	-.00845	.28238	1.13702	797.74200	.00000
.850	10.024	-.00681	.28978	1.14129	798.15400	.00000
.850	11.988	-.00447	.29411	1.14348	799.17400	.00000
.849	14.000	-.00281	.28757	1.14037	797.44200	.00000
.850	16.025	-.00027	.28390	1.13739	794.35400	.00000
	GRADIENT	.00017	.01432	.00813	-.00181	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 195/ 0 RN/L = 4.06 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.900	-1.980	.07470	.25514	1.10833	864.41200	-.37334
.901	-.001	.07249	.25219	1.11610	866.75100	-.25251
.900	1.973	.07069	.26523	1.12861	868.81000	-.16122
.900	3.975	.10464	.32987	1.15957	864.00900	-.09730
.900	5.969	.07693	.33806	1.16847	864.91800	-.04990
.900	7.987	.07942	.33439	1.17088	865.84000	-.01945
.900	9.981	.11112	.34350	1.17628	864.10800	-.00291
.899	11.999	.10889	.34651	1.17809	863.49800	.00325
.900	13.996	.07874	.33903	1.17508	863.99800	-.00028
.900	16.018	.07892	.33546	1.17195	866.04500	-.01392
.900	18.047	.07420	.33497	1.16808	865.42700	-.04438
	GRADIENT	.00445	.01198	.00839	.04015	.04633

RUN NO. 212/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.949	-1.982	.05388	.31136	1.14571	930.79400	-.36852
.948	-.011	.07757	.30265	1.15308	929.38800	-.24756
.950	1.936	.02827	.31200	1.16675	933.43800	-.16213
.949	3.980	.08601	.37752	1.20102	931.71600	-.09927
.950	5.987	.08375	.38096	1.20923	932.11600	-.05226
.950	7.949	.08474	.37786	1.21248	931.91200	-.02224
.949	10.002	.08931	.38572	1.21822	931.51300	-.00426
.947	12.001	.07577	.38647	1.21862	928.58900	.00345
.951	14.039	.01313	.38300	1.21610	934.15000	-.00164
.950	15.942	.03737	.37713	1.21343	934.00200	-.01363
.952	18.019	.00882	.37885	1.21078	934.02200	-.04229
	GRADIENT	.00246	.01056	.00908	.33989	.04498

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 165/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.980	-2.081	.00937	.35689	1.17603	975.72000	-.36613
.980	.046	.03264	.34542	1.18507	979.09000	-.24147
.980	2.007	.03323	.35476	1.19946	978.07700	-.15644
.980	3.910	.03541	.40610	1.22921	975.63000	-.09836
.979	5.939	.03090	.40729	1.23693	977.06500	-.05132
.980	7.962	.03477	.40342	1.24030	977.98300	-.02188
.980	9.950	.00023	.41028	1.24612	978.17800	-.00601
.980	12.006	.00981	.41503	1.24901	976.14200	.00060
.980	13.993	-.01562	.40570	1.24458	978.29000	-.00206
.980	16.016	-.02645	.40278	1.24143	978.58800	-.01486
.980	18.015	.01322	.40519	1.23805	982.56700	-.04167
	GRADIENT	.00401	.00770	.00866	-.04711	.04472

RUN NO. 167/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.050	-1.963	-.03566	.45774	1.25648	951.52500	-.34172
1.049	-.011	-.05021	.43534	1.26293	951.03600	-.23199
1.049	1.940	-.05442	.43228	1.27484	949.50800	-.15148
1.050	3.965	-.02538	.48751	1.31093	950.80000	-.09434
1.049	5.981	-.01991	.48765	1.31911	949.01600	-.04900
1.050	7.988	-.03590	.48000	1.32245	951.32100	-.02105
1.050	10.014	-.02505	.48791	1.32963	952.13500	-.00483
1.049	12.002	-.00521	.49434	1.33350	951.34000	.00149
1.049	13.994	-.00335	.48389	1.32606	950.83300	-.00145
1.049	16.017	-.06232	.47025	1.31895	949.82600	-.01315
1.050	17.994	-.05396	.47151	1.31519	949.60000	-.03578
	GRADIENT	.00139	.00445	.00891	-.18524	.04164

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 169/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.100	-1.895	.04138	.52672	1.32312	1022.99000	-.32472
1.100	-.033	-.02159	.50211	1.32883	1022.92000	-.23008
1.100	1.941	-.02636	.49068	1.33948	1023.41000	-.14999
1.101	4.017	.03931	.54399	1.37787	1024.67999	-.09263
1.100	6.001	.03728	.54309	1.38671	1024.21001	-.05161
1.100	8.012	.02959	.53428	1.38891	1024.30000	-.02636
1.100	10.034	.02124	.54397	1.39679	1024.02000	-.01228
1.099	12.005	-.03848	.54911	1.40009	1022.67000	-.00535
1.100	13.998	-.01951	.53808	1.39555	1023.42000	-.00572
1.101	16.034	.02804	.52446	1.38740	1024.08000	-.01417
1.100	18.066	.03915	.53110	1.38415	1022.59000	-.03836
	GRADIENT	-.00020	.00226	.00896	.28561	.03926

RUN NO. 171/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.149	-1.882	.03755	.53720	1.37074	1067.50999	-.30538
1.151	.029	.05607	.50264	1.37383	1068.69000	-.21423
1.149	2.084	.03604	.48577	1.38046	1065.98000	-.13819
1.149	3.966	.03535	.54427	1.42305	1066.69000	-.09221
1.149	6.005	.03669	.54335	1.43280	1067.44000	-.05240
1.150	8.013	.05529	.53284	1.43509	1068.69000	-.02824
1.150	10.051	.02544	.54625	1.44561	1068.17000	-.01399
1.150	12.043	.04822	.55927	1.45428	1069.20000	-.01003
1.149	14.054	.04297	.55229	1.44911	1068.20000	-.01200
1.149	16.042	.03648	.54144	1.44073	1067.50000	-.02114
1.150	18.083	.05195	.54468	1.43841	1068.70000	-.03865
	GRADIENT	-.00140	.00014	.00830	-.26956	.03653

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 173/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.199	-1.899	.05515	.52322	1.41230	1109.07001	-.28207
1.200	.031	.05866	.48473	1.40913	1112.49001	-.20252
1.201	1.923	.05297	.46152	1.41092	1116.32001	-.14156
1.200	3.944	.05186	.52275	1.46047	1113.25000	-.09671
1.201	5.950	.05340	.52427	1.47219	1111.44000	-.06145
1.199	8.010	.06385	.52154	1.47643	1108.35001	-.03611
1.199	10.011	.07706	.53922	1.49051	1109.46001	-.02316
1.200	12.066	.07659	.56747	1.50933	1113.07001	-.01966
1.200	14.048	.07415	.55178	1.49962	1113.58000	-.02139
1.200	16.006	.05178	.54310	1.49236	1114.94000	-.02897
1.200	18.059	.05698	.54934	1.49137	1116.57001	-.04356
	GRADIENT	-.00080	-.00111	.00762	.83171	.03173

RUN NO. 175/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.219	-1.949	.03305	.50820	1.42489	1028.35001	-.27087
1.220	.000	.03524	.46490	1.41676	1028.25999	-.19776
1.220	1.906	.04213	.44016	1.41506	1027.80000	-.13991
1.219	3.926	.04444	.50100	1.46575	1029.17999	-.09846
1.220	5.932	.04848	.51156	1.48261	1031.17000	-.06650
1.220	7.974	.05153	.51317	1.49086	1032.50000	-.04447
1.220	9.977	.06595	.53459	1.50886	1034.24001	-.03167
1.219	12.006	.06980	.57008	1.53201	1033.94000	-.02405
1.220	13.988	.06685	.54675	1.51686	1033.33000	-.02272
1.220	16.019	.06078	.53108	1.50734	1031.88000	-.02897
1.218	17.980	.05924	.54399	1.50710	1028.98000	-.04590
	GRADIENT	.00210	-.00225	.00626	.10622	.02941

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 176/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.240	-2.006	.03607	.49936	1.43925	1045.21001	-.27031
1.239	.029	.04522	.45703	1.42837	1048.21001	-.20039
1.240	1.967	.04874	.43729	1.42981	1045.36000	-.14420
1.239	4.034	.04755	.49367	1.48067	1040.98000	-.10268
1.240	5.980	.04966	.50885	1.50072	1043.08000	-.07222
1.240	7.979	.05070	.51574	1.51233	1045.63000	-.05096
1.240	10.012	.06103	.53460	1.52902	1047.64999	-.03779
1.240	11.996	.06236	.57999	1.55970	1047.45000	-.03079
1.240	14.012	.05779	.54896	1.54171	1047.41000	-.02844
1.239	16.012	.04936	.53092	1.52739	1046.50999	-.03311
1.240	18.026	.04521	.54330	1.52821	1046.72000	-.05606
	GRADIENT	.00193	-.00177	.00631	-.77519	.02786

RUN NO. 200/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.300	-1.990	.01709	.49493	1.49643	1081.48000	-.27037
1.299	.002	.01829	.43494	1.47260	1080.64999	-.19288
1.300	1.989	.01816	.43232	1.48504	1080.89999	-.14459
1.300	3.995	.01773	.49846	1.54790	1084.41000	-.11367
1.300	6.004	.02124	.51004	1.56649	1083.84000	-.08527
1.300	8.026	.02127	.51276	1.57627	1081.84000	-.06417
1.300	9.976	.02760	.53847	1.59963	1081.39999	-.05141
1.300	12.011	.02962	.60836	1.65049	1083.06000	-.04743
1.300	14.019	.02447	.58106	1.63085	1083.96001	-.04833
1.299	15.969	.01963	.54881	1.60452	1084.73000	-.05621
1.300	18.050	.01941	.54905	1.59960	1083.88000	-.07297
	GRADIENT	.00009	.00042	.00838	.45429	.02599

OA232 AEDC 16T TF431 LA .2A RFN.15 (1VR014) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 207/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.399	-1.985	-.04436	.25600	1.35362	1126.48000	-.32215
1.400	.022	-.03206	.21487	1.31903	1128.33000	-.25376
1.400	1.962	-.04248	.23032	1.34853	1127.97000	-.21254
1.399	3.977	-.03960	.24443	1.37455	1125.02000	-.17778
1.400	5.952	-.04234	.27597	1.42082	1125.78999	-.15651
1.400	7.986	-.03715	.29421	1.44763	1125.75000	-.13899
1.400	9.965	-.03193	.31948	1.48062	1126.19000	-.13096
1.400	11.982	-.02774	.33670	1.50156	1126.73000	-.12832
1.400	13.932	-.03162	.34073	1.50554	1126.50000	-.13044
1.400	15.951	-.03524	.34091	1.50313	1126.60001	-.13663
1.400	17.977	-.03305	.37082	1.53143	1126.91000	-.15128
	GRADIENT	.00021	-.00099	.00464	-.23971	.02393

RUN NO. 210/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.550	-1.859	-.13798	.12298	1.26000	1059.89999	-.27137
1.550	.031	-.13614	.14524	1.31044	1056.92000	-.23311
1.550	2.052	-.13690	.16786	1.36164	1053.98000	-.20161
1.551	4.093	-.13171	.20007	1.42836	1055.77000	-.17883
1.550	6.060	-.12907	.24465	1.51208	1057.27000	-.16399
1.550	8.088	-.12448	.26129	1.54537	1058.31000	-.15094
1.550	10.082	-.11705	.28606	1.58930	1058.57001	-.14387
1.550	12.062	-.11310	.30393	1.62050	1057.00999	-.14120
1.550	14.095	-.11200	.30767	1.62654	1055.99001	-.13882
1.549	16.084	-.11012	.29782	1.61042	1054.72000	-.13841
	GRADIENT	.00091	.01278	.02800	-.76313	.01552

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 189/ 0 RN/L = 2.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PS1XDC	PS1X/P	QCOMP	PT1XDC
.201	-1.827	2.02960	.05571	1.00103	102.39300	-.49707
.201	.217	2.05269	.13316	1.00265	102.42700	-.30917
.203	2.133	2.06119	.18995	1.00400	103.98100	-.19320
.204	4.121	2.04341	.23418	1.00513	105.19800	-.11017
.203	6.092	1.96772	.24998	1.00560	104.33200	-.05362
.204	7.842	1.84828	.26377	1.00604	105.05800	-.02221
.200	9.797	1.66435	.26359	1.00591	101.44500	-.00333
.200	11.702	1.75393	.25700	1.00578	101.11400	-.00068
.201	13.722	1.80566	.22894	1.00525	101.86900	-.01269
.201	15.703	1.84058	.22279	1.00505	102.16300	-.03768
	GRADIENT	.00255	.02999	.00069	.50259	.06469

RUN NO. 192/ 0 RN/L = 2.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PS1XDC	PS1X/P	QCOMP	PT1XDC
.397	-1.949	2.07008	.13190	1.00933	190.71700	-.49217
.398	.036	2.05583	.16709	1.01300	191.02900	-.31299
.398	2.027	2.08019	.20531	1.01701	191.50600	-.18820
.398	4.034	2.07320	.25502	1.02170	191.78500	-.10392
.398	6.021	2.09153	.27239	1.02385	191.74100	-.04810
.399	7.888	1.93939	.28100	1.02507	192.08000	-.01723
.399	9.869	1.87584	.28243	1.02547	192.04300	-.00149
.399	11.864	1.85206	.28681	1.02582	192.03200	.00062
.399	13.871	1.87767	.27195	1.02455	191.81800	-.00958
.399	15.864	1.89269	.24899	1.02247	192.06500	-.03429
.398	17.907	1.91437	.23417	1.02050	191.41600	-.08406
	GRADIENT	.00169	.02044	.00206	.18457	.06464

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 160/ 0 RN/L = 3.24 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.600	-1.921	1.96689	.16057	1.02757	456.87800	-.44365
.600	.057	1.97003	.18462	1.03476	457.38200	-.28082
.601	2.070	1.96307	.21710	1.04333	458.29900	-.16792
.600	4.093	1.98050	.26919	1.05441	456.46900	-.09233
.602	6.111	2.02001	.28523	1.05960	458.16600	-.04295
.601	8.014	2.01798	.29078	1.06164	459.12100	-.01465
.601	10.027	1.88551	.28879	1.06190	457.57800	-.00028
.601	11.881	1.93529	.29793	1.06347	458.62000	.00200
.600	13.852	1.98140	.28468	1.06069	456.57300	-.00601
.599	15.888	1.99601	.26723	1.05669	456.26700	-.02895
.600	17.886	2.01532	.26298	1.05404	457.40400	-.07571
	GRADIENT	.00169	.01788	.00444	-.01656	.05813

RUN NO. 187/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.697	-1.908	1.99556	.17850	1.04314	586.72700	-.40698
.700	.005	2.00455	.19948	1.05275	590.67100	-.26535
.701	2.105	1.97784	.21604	1.06120	591.78800	-.15454
.701	4.058	2.00612	.26917	1.07703	591.26800	-.08812
.702	6.096	2.02556	.30461	1.08808	590.94300	-.04142
.700	7.970	1.95649	.30844	1.09015	588.72400	-.01395
.699	10.039	1.87047	.31104	1.09168	590.07400	.00034
.699	11.895	1.91395	.32237	1.09431	589.25700	.00298
.699	13.859	1.95092	.30971	1.09032	588.63800	-.00403
.698	15.880	1.95811	.29228	1.08538	587.83700	-.02374
.699	17.891	1.97689	.28960	1.08231	587.72100	-.06591
	GRADIENT	.00018	.01441	.00550	.73363	.05334

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 194/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.799	-2.004	2.08335	.23195	1.07489	728.92600	-.38887
.799	-.017	2.05666	.24331	1.08517	728.72000	-.25197
.800	2.012	2.05643	.25209	1.09411	727.78000	-.15309
.800	3.963	2.10071	.29788	1.11249	727.06600	-.08988
.800	6.025	2.08432	.34071	1.12887	727.07300	-.04392
.800	7.926	1.97903	.34390	1.13245	727.27300	-.01680
.800	9.993	1.98886	.35335	1.13686	728.18400	-.00177
.800	11.885	1.88603	.35627	1.13790	727.47300	.00200
.800	13.917	1.91870	.34938	1.13516	727.07200	-.00449
.800	15.945	1.92168	.33783	1.13013	727.98500	-.02410
.800	17.930	1.93482	.33210	1.12491	727.47400	-.06148
	GRADIENT	.00255	.01034	.00610	-.32718	.05000

RUN NO. 215/ 0 RN/L = 3.97 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.849	-1.913	1.88760	.19326	1.09761	797.03500	.00000
.849	.022	1.98563	.21769	1.10764	794.27200	.00000
.850	1.976	2.02953	.24221	1.11765	795.58900	.00000
.850	4.042	2.01113	.30110	1.13960	795.48800	.00000
.850	6.043	2.10182	.35634	1.15857	796.20200	.00000
.850	7.988	2.06958	.36734	1.16223	796.91700	.00000
.850	10.078	1.89658	.37550	1.16479	797.22700	.00000
.850	11.928	1.91231	.38231	1.16706	798.45300	.00000
.849	13.950	1.96210	.37359	1.16338	797.03200	.00000
.650	15.933	1.98740	.35932	1.15968	797.73500	.00000
.850	17.980	1.99924	.34425	1.15455	797.53700	.00000
	GRADIENT	.02071	.01762	.00688	-.16457	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 196/ 0 RN/L = 4.05 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.901	-1.991	2.08210	.31200	1.13005	864.70500	-.34880
.899	-.038	2.12317	.31234	1.13964	862.48000	-.23054
.899	1.974	2.11906	.31519	1.14919	862.37800	-.14236
.900	3.952	2.13377	.36344	1.17342	863.39100	-.08467
.900	5.989	2.13583	.40756	1.19444	863.57900	-.04311
.900	7.876	2.03755	.40734	1.19750	862.47000	-.01706
.900	10.025	1.80871	.41090	1.20089	863.90300	-.00213
.900	11.900	1.84698	.42002	1.20471	864.61100	.00093
.900	13.934	1.88942	.41482	1.20209	865.53400	-.00484
.899	15.891	1.85803	.40604	1.19647	864.83200	-.02069
.899	17.929	1.88761	.39971	1.18976	862.78900	-.05362
	GRADIENT	.00758	.00793	.00704	-.20257	.04437

RUN NO. 213/ 0 RN/L = 4.14 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.950	-1.972	2.04457	.28003	1.17243	932.61900	.00000
.950	.045	1.99295	.29970	1.18138	931.30700	.00000
.950	1.988	2.02304	.32119	1.19166	932.92400	.00000
.950	4.016	2.02635	.37899	1.21647	933.03400	.00000
.950	6.057	2.06653	.43334	1.23807	933.03600	.00000
.950	7.981	2.00429	.44178	1.24100	932.33000	.00000
.951	10.031	2.03208	.45792	1.24765	934.15000	.00000
.950	11.930	1.89113	.46415	1.24988	933.94800	.00000
.949	14.018	2.00172	.45816	1.24639	932.64200	.00000
.950	15.938	1.98679	.44346	1.24162	931.71700	.00000
.950	17.931	1.96310	.42704	1.23582	933.23500	.00000
	GRADIENT	-.00127	.01601	.00716	.14218	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 166/ 0 RN/L = 4.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.980	-2.030	2.01267	.41680	1.20350	977.65800	-.32470
.980	.010	2.05462	.40818	1.21324	976.95200	-.21800
.980	1.987	2.03801	.40812	1.22451	977.15300	-.13734
.980	4.017	2.04319	.44931	1.24985	977.45800	-.07930
.979	6.008	2.11275	.47680	1.26689	975.63700	-.03903
.979	7.948	1.98303	.47259	1.26960	975.22800	-.01460
.981	9.975	1.97438	.48361	1.27689	976.93900	-.00253
.979	11.942	1.91228	.49041	1.27947	978.60200	.00170
.980	13.938	1.94006	.48419	1.27643	981.45400	-.00299
.979	15.929	1.93426	.47499	1.27015	980.64300	-.01676
.981	17.964	1.96084	.47090	1.26373	979.90500	-.04845
.980	18.933	1.94876	.48235	1.26361	978.06900	-.07342
	GRADIENT	.00375	.00485	.00747	-.02018	.04061

RUN NO. 168/ 0 RN/L = 3.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.051	-1.981	1.92928	.51869	1.28579	949.97100	-.31446
1.049	.002	1.97726	.50009	1.29483	947.86900	-.20853
1.050	2.007	2.01050	.49671	1.30777	949.27100	-.13179
1.049	4.009	2.02564	.53261	1.33298	948.69400	-.07745
1.051	6.077	2.04522	.56078	1.35406	951.18500	-.03966
1.050	7.994	1.99357	.55414	1.35587	951.53400	-.01523
1.050	9.971	1.99066	.55991	1.36111	951.94500	-.00232
1.050	11.999	1.96371	.57107	1.36687	952.33000	.00057
1.049	13.935	1.98218	.56374	1.36219	950.62000	-.00411
1.049	15.931	1.97994	.55154	1.35387	949.60400	-.01820
1.049	17.964	2.00411	.54825	1.34672	948.58600	-.04424
1.050	18.963	2.01906	.55776	1.34680	949.18000	-.06373
	GRADIENT	.01613	.00193	.00774	-.12089	.03942

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 170/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.100	-2.011	1.95504	.59339	1.35445	1024.94000	-.30687
1.100	.036	1.98418	.56528	1.36337	1024.94000	-.20053
1.099	1.984	2.01570	.55756	1.37405	1022.74000	-.13236
1.099	4.064	1.99558	.59707	1.40276	1021.42000	-.08358
1.101	6.016	2.09978	.62148	1.42254	1021.02000	-.05058
1.099	7.998	2.01478	.61209	1.42373	1019.19000	-.02485
1.101	9.959	1.95867	.61890	1.43152	1021.32000	-.01208
1.100	11.929	1.93488	.62167	1.43329	1022.00000	-.00662
1.100	13.830	1.90402	.61730	1.43045	1024.92000	-.01120
1.101	15.863	1.92891	.60419	1.42198	1026.07001	-.02506
1.100	17.929	1.91656	.59900	1.41357	1025.11000	-.04640
	GRADIENT	.00754	.00021	.00773	-.63126	.03657

RUN NO. 172/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.149	-1.946	2.00096	.60004	1.40593	1068.92999	-.27982
1.151	.041	2.04945	.56949	1.41278	1070.96001	-.19092
1.149	2.010	2.03887	.55588	1.42094	1069.45000	-.12293
1.150	4.046	2.06342	.59654	1.45413	1070.14000	-.07680
1.150	6.022	2.08110	.61302	1.47137	1069.92000	-.04432
1.149	7.940	2.02883	.60516	1.47261	1067.72000	-.02305
1.151	9.996	1.80510	.60707	1.47805	1068.84000	-.01308
1.150	11.910	1.87832	.62279	1.48552	1067.67999	-.00927
1.150	13.852	1.88880	.62026	1.48363	1067.92999	-.01310
1.149	15.884	1.92111	.60882	1.47441	1067.11000	-.02306
1.150	17.883	1.90698	.60887	1.46956	1067.48000	-.04386
	GRADIENT	.00887	-.00116	.00768	.10672	.03392

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 174/ 0 RN/L = 3.90 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.200	-2.026	2.04124	.58576	1.45138	1114.36000	-.26544
1.200	.095	2.05843	.55130	1.45224	1113.53000	-.18418
1.200	1.941	2.07839	.52950	1.45621	1114.25999	-.12605
1.201	4.006	2.06536	.57399	1.49498	1113.78000	-.08153
1.200	6.036	2.07288	.59406	1.51452	1112.27000	-.05071
1.199	7.909	1.93482	.59245	1.51774	1109.97000	-.03359
1.201	9.941	1.95029	.60594	1.52988	1111.39999	-.02808
1.199	11.883	1.84912	.62917	1.54123	1109.98000	-.02450
1.199	13.858	1.86859	.62505	1.53828	1111.85001	-.02562
1.199	15.898	1.90334	.61339	1.53030	1114.36000	-.03268
1.200	17.950	1.91843	.61669	1.52632	1115.92999	-.05330
	GRADIENT	.00460	-.00285	.00677	-.05429	.03060

RUN NO. 201/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.299	-1.986	2.02750	.58226	1.55818	1083.83000	-.26216
1.300	-.006	2.04150	.52838	1.54540	1085.59000	-.18837
1.300	2.003	2.03338	.49960	1.54198	1081.64999	-.13285
1.300	4.023	2.04025	.56178	1.59877	1080.30000	-.09946
1.301	6.014	2.10931	.59551	1.63193	1082.33000	-.07696
1.301	7.960	2.00726	.58987	1.63341	1083.28000	-.06102
1.300	9.956	1.96155	.59741	1.64127	1083.41000	-.05256
1.300	11.944	1.91578	.64108	1.67151	1084.47000	-.05106
1.299	13.928	1.93449	.63911	1.66688	1084.11000	-.05106
1.300	15.933	1.95157	.61828	1.65265	1082.64000	-.05818
1.300	17.979	1.95510	.62327	1.64797	1080.13000	-.07833
	GRADIENT	.00150	-.00445	.00594	-.72707	.02711

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR015) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = 2.000 PHI = .000

RUN NO. 208/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.400	-1.935	1.89879	.50721	1.61928	1128.50999	-.28132
1.400	.005	1.96467	.44684	1.58668	1128.35001	-.21608
1.400	1.991	1.97669	.42619	1.58292	1126.16000	-.17014
1.400	4.002	2.01635	.45863	1.62664	1125.39000	-.13943
1.399	6.067	2.08551	.48428	1.65999	1126.58000	-.11443
1.400	8.005	2.04772	.43826	1.62352	1129.92999	-.09666
1.400	10.062	2.06657	.46349	1.65060	1127.95000	-.09060
1.399	11.982	1.97922	.65019	1.80852	1124.67999	-.10281
1.400	13.957	1.99731	.63940	1.79747	1126.45000	-.10948
1.400	15.999	2.02063	.49216	1.67149	1127.38000	-.10677
1.400	17.976	2.03245	.51885	1.69617	1128.41000	-.10710
	GRADIENT	.01839	-.00832	.00099	-.58411	.02379

RUN NO. 211/ 0 RN/L = 3.11 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.549	-1.816	1.87177	.17643	1.35744	1057.35001	-.27532
1.550	.129	1.85364	.19643	1.40395	1056.02000	-.23784
1.551	2.137	1.87140	.21053	1.43906	1055.03999	-.20470
1.550	4.139	1.88668	.22187	1.46699	1053.82001	-.17826
1.550	6.194	1.94955	.26386	1.54469	1053.81000	-.16326
1.550	8.094	1.95764	.28422	1.58303	1057.66000	-.15293
1.550	10.106	1.95235	.31254	1.63127	1059.12000	-.14785
1.550	11.921	2.02005	.33717	1.66951	1055.73000	-.14625
1.551	13.891	2.06119	.35457	1.69602	1054.78999	-.14997
1.550	15.882	2.07760	.34770	1.68295	1055.83000	-.15451
1.550	17.910	2.10242	.33024	1.65076	1056.73000	-.16499
	GRADIENT	.00317	.00756	.01829	-.58190	.01631

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 197/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.260	7.995	.04279	.51843	1.53448	1058.78000	-.05823
1.260	11.981	.05197	.58999	1.58886	1057.67999	-.03750
1.261	15.954	.03738	.54002	1.55397	1058.17000	-.04612
1.260	17.997	.04313	.54530	1.55048	1060.23000	-.06550
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 198/ 0 RN/L = 3.57 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.280	7.973	.02796	.51869	1.55640	1071.53000	-.06397
1.279	12.004	.03705	.60049	1.61878	1070.60001	-.04375
1.280	16.026	.02301	.54045	1.57687	1070.96001	-.04858
1.281	17.973	.02022	.54885	1.57609	1071.81000	-.06991
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 199/ 0 RN/L = 3.56 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.300	7.980	.02181	.51590	1.57794	1083.19000	-.06417
1.299	12.031	.02820	.61101	1.65179	1083.78999	-.04703
1.300	15.998	.01741	.54751	1.60378	1083.27000	-.05661
1.299	18.005	.01597	.54948	1.59936	1083.21001	-.07189
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 202/ 0 RN/L = 3.55 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.321	7.999	.01218	.47692	1.56927	1092.57001	-.07262
1.320	11.971	.02323	.63440	1.69206	1091.81000	-.05970
1.320	16.033	.01317	.52876	1.61545	1095.67999	-.05732
1.320	17.990	.01124	.53486	1.61293	1093.14000	-.07714
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 203/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.340	7.967	.00302	.43538	1.55565	1106.17000	-.07437
1.341	12.003	.01522	.64749	1.73037	1101.83999	-.06286
1.340	16.031	.00754	.52527	1.63790	1101.03999	-.06025
1.340	17.999	.00102	.53145	1.63691	1104.17000	-.07782
	GRADIENT	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S (1VR016) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 204/ 0 RN/L = 3.54 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.360	7.963	-.01273	.36770	1.51139	1112.82001	-.07679
1.360	12.007	-.01788	.49110	1.63545	1110.35001	-.05203
1.361	16.017	-.00678	.45852	1.60652	1112.70000	-.06214
1.361	18.000	-.00465	.50505	1.64025	1114.12000	-.08189
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 205/ 0 RN/L = 3.53 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.380	7.969	-.03249	.29526	1.44975	1122.42999	-.07921
1.380	11.979	-.01570	.33416	1.50067	1120.45000	-.06370
1.380	16.017	-.02373	.37139	1.54066	1119.88000	-.06729
1.380	17.982	-.02411	.40424	1.56843	1122.56000	-.08363
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 206/ 0 RN/L = 3.52 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.400	7.959	-.04207	.29327	1.44698	1129.12000	-.13982
1.400	11.972	-.02891	.33666	1.50116	1128.55000	-.12786
1.401	15.967	-.03620	.33908	1.50174	1126.71001	-.13734
1.400	18.000	-.03889	.37102	1.53207	1127.32001	-.15206
	GRADIENT	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
1.451	8.074	-.12694	.27805	1.46034	1141.00000	-.18298
1.450	11.939	-.05444	.32610	1.52508	1142.19000	-.17384
1.450	16.053	-.11582	.32331	1.51886	1139.99001	-.18265
1.450	18.065	-.11545	.32056	1.51173	1141.21001	-.19396
	GRADIENT	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (1VR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.199	-3.797	.10715	-.04671	.99930	100.19500	-.92172
.200	-1.827	.10769	.02520	1.00044	100.61700	-.57625
.199	.128	.10926	.08563	1.00165	100.30100	-.37056
.200	2.188	.11057	.14235	1.00294	101.23400	-.22780
.200	4.178	.11165	.17050	1.00370	100.95400	-.13025
.201	6.184	.11272	.19957	1.00451	102.05200	-.06435
.200	8.191	.11390	.18737	1.00438	101.01300	-.02167
.200	10.196	.11508	.20133	1.00474	101.29500	-.00100
.201	12.206	.11617	.20085	1.00478	101.92800	.00147
.201	14.201	.11743	.18830	1.00449	102.06100	-.01216
.201	16.191	.11849	.17546	1.00411	101.80600	-.03944
	GRADIENT	.00060	.02761	.00057	.10743	.09658

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.249	-3.792	.10600	.02147	1.00048	100.58300	-.95481
.250	-1.773	.10662	.08319	1.00218	101.30100	-.61046
.250	.184	.10813	.12594	1.00369	101.23400	-.38572
.250	2.014	.04949	.16214	1.00513	101.46300	-.24322
.250	4.008	.05110	.20719	1.00686	101.71800	-.13883
.249	6.214	.11235	.21694	1.00749	100.77900	-.06260
.249	8.120	.11321	.21461	1.00763	100.64100	-.02479
.249	10.135	.11312	.21781	1.00782	100.55500	-.00617
.248	12.159	.11290	.21867	1.00781	100.03700	-.00473
.248	14.153	.11259	.20325	1.00725	99.90340	-.01871
.247	16.205	.11093	.19422	1.00678	99.24940	-.05082
	GRADIENT	-.00853	.02326	.00081	.12592	.10333

0A232 AEDC 16T TF431 LA .2A RFN.1S FTP (1VR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.398	-3.955	.08474	.02901	1.00161	206.14800	-1.05151
.398	-1.919	.08234	.07947	1.00523	206.29900	-.67238
.399	.045	.08365	.12239	1.00911	207.08200	-.43575
.400	2.049	.08145	.16206	1.01313	207.85900	-.27522
.401	4.068	.08041	.21794	1.01836	208.64500	-.17079
.401	6.054	.08020	.21871	1.01942	208.54300	-.09876
.401	10.066	.08022	.22396	1.02085	209.33600	-.03730
.401	14.041	.08049	.21456	1.01994	209.24800	-.04860
.400	18.058	.08197	.18878	1.01665	208.08000	-.13450
	GRADIENT	-.00048	.02301	.00207	.32734	.10787

0A232 AEDC 16T TF431 LA .2A RFN.1S FTP (1VR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.601	-1.984	-.03546	.09041	1.01575	457.77500	-.4980
.602	2.113	-.03681	.15726	1.03237	459.72400	-.19074
.603	6.096	-.03828	.22864	1.04957	460.10800	-.05642
.603	10.092	-.03644	.23301	1.05261	462.07800	-.00186
.602	14.084	-.03439	.21716	1.04924	459.63400	-.00503
.600	18.076	-.02931	.20383	1.04483	457.49300	-.04914
	GRADIENT	-.00033	.01632	.00406	.47566	.07500

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (1VR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.701	-1.948	-.00591	.12795	1.03118	591.17400	-.46399
.703	2.092	-.00562	.17313	1.04982	594.32400	-.18424
.702	6.062	-.00736	.24615	1.07381	593.81400	-.05506
.701	10.088	-.00223	.25066	1.07771	591.99900	-.00147
.699	14.026	.00045	.24194	1.07505	589.86400	-.00350
.696	18.000	.00102	.22632	1.06846	585.50300	-.03812
	GRADIENT	.00007	.01119	.00461	.77984	.06926

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (1VR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.00[illegible] IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSIXDC	PSIX/P	QCOMP	PTIXDC
.800	8.002	.04638	.27804	1.11204	727.48100	-.02213
.800	12.022	.04638	.28550	1.11648	727.68600	.00186
.800	16.027	.04795	.27025	1.11018	728.19600	-.01543
.799	18.019	.05142	.26565	1.10675	727.49000	-.03685
	GRADIENT	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LFN.1S RA .2P/S HI RN (1VR021) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 48/ 0 RN/L = 4.99 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PSXDEC	PTXDEC	PS1XDC	Q*X/QC	QCX/QC	PTA/PT	PSA/P	PS1X/P	QCOMP
.599	-4.003	-.03027	-.03196	-.75470	-.00837	.56192	.58048	.90578	.99492	.99870	702.06700
.599	-1.912	-.03319	.03413	-.48211	.05815	.68205	.65953	.93147	1.00618	1.01030	704.32900
.599	.098	-.03622	.12691	-.32111	.10298	.77825	.69061	.95222	1.02407	1.01996	704.01900
.599	2.071	-.03665	.20013	-.20520	.15373	.85398	.71158	.96854	1.03911	1.03125	703.92500
.600	4.096	-.04260	.21595	-.11652	.21169	.91256	.75049	.98110	1.04469	1.04736	706.36600
.599	6.060	-.04286	.21926	-.05658	.21906	.95565	.78380	.99045	1.04718	1.04714	703.71900
.600	8.066	-.04220	.22577	-.01904	.22347	.98471	.80334	.99670	1.04996	1.04954	706.80300
.600	10.055	-.04178	.22755	-.00188	.23368	.99847	.81339	.99967	1.05095	1.05207	705.87300
.599	12.082	-.04122	.22518	.00025	.23539	1.00021	.81638	1.00004	1.05040	1.05225	703.21900
.598	14.035	-.03831	.21842	-.00465	.22501	.99621	.81762	.99918	1.04881	1.05001	701.58300
.599	16.031	-.03812	.21181	-.02752	.21378	.97780	.80689	.99522	1.04689	1.04725	704.46600
	GRADIENT	-.00139	.03280	.07711	.02656	.04331	.01947	.00931	.00656	.00552	.40750

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (3VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.202	-3.800	.12342	-.00153	.03911	.99996	1.00108	.96093	3501.66000	3407.67001	3341.47000	3377.32999
.200	-1.769	.11931	-.00405	.07278	.99990	1.00191	.92874	3495.04001	3405.95999	3343.57999	3371.73999
.200	.186	.11558	-.00231	.03107	.99994	1.00085	.96773	3500.28000	3406.82999	3355.82999	3375.70001
.200	2.183	.11190	.00000	-.00121	.00000	1.00121	-35.41740	.00000	3408.56000	3363.69000	3374.48999
.201	4.203	.10783	.00078	.04286	1.00002	1.00117	.95972	3501.97000	3408.98999	3372.76001	3374.04999
.200	6.211	.10813	-.00235	.04176	.99994	1.00113	.95785	3501.38000	3409.26001	3380.59000	3373.03000
.200	8.188	.10780	.00000	-.00177	.00000	1.00177	-35.33120	.00000	3405.91000	3382.85999	3366.79999
.200	10.192	.11433	.00078	.04063	1.00002	1.00110	.96174	3502.17001	3409.70001	3396.79999	3373.10001
.200	12.199	.10878	.00000	-.00156	.00000	1.00156	-35.48990	.00000	3406.92001	3401.66000	3368.89001
.200	14.190	.11150	.00076	.01551	1.00002	1.00043	.98555	3502.87000	3408.26001	3417.32999	3374.67999
.200	16.206	.11339	-.00326	.07885	.99992	1.00205	.92421	3496.70999	3408.23999	3420.85001	3369.57001
.199	18.545	.11660	-.00315	.03985	.99992	1.00107	.95884	3504.31000	3412.67999	3439.04001	3379.03000
	GRADIENT	-.00193	.00043	-.00329	-.04976	-.00003	-1.80912	-173.92253	.26181	4.14040	-.19387

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (3VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.250	-3.994	.04844	.00075	.06074	1.00003	1.00255	.94343	2386.37000	2290.34000	2221.12000	2257.35001
.251	-1.991	.04767	.00224	.06543	1.00009	1.00276	.94063	2385.42001	2289.09000	2225.84000	2255.44000
.251	-.002	.04780	-.00075	.06352	.99997	1.00267	.93964	2390.13000	2294.10001	2239.07001	2259.73999
.252	2.006	.04717	.00221	.05316	1.00009	1.00228	.95153	2389.72000	2291.78000	2245.67999	2257.35001
.252	4.003	.04770	.00292	.04710	1.00012	1.00203	.95775	2390.09000	2291.44000	2253.98001	2255.85001
.252	6.015	.04789	.00147	.05370	1.00006	1.00231	.95042	2385.84000	2287.82999	2258.07999	2250.01001
.252	8.011	.04951	.00151	.08792	1.00006	1.00367	.92052	2385.23999	2290.07999	2265.95001	2249.17999
.249	10.215	.10239	.00372	.04445	1.00015	1.00188	.96089	2391.85999	2294.95999	2284.23001	2259.29999
.248	12.197	.09944	.00229	.06328	1.00009	1.00261	.94253	2388.82001	2294.29001	2291.41000	2257.19000
.248	14.193	.09332	.00225	.04911	1.00009	1.00206	.95525	2389.22000	2293.25000	2300.82001	2257.38000
.248	16.215	.12333	.00000	-.00244	.00000	1.00245	-22.88480	.00000	2292.72000	2309.35999	2257.13000
.248	18.193	.09335	.00000	-.00252	.00000	1.00252	-22.84910	.00000	2293.87000	2319.37000	2259.37000
.248	18.546	.09286	.00000	-.00274	.00000	1.00275	-22.86680	.00000	2294.92999	2321.44000	2260.07001
	GRADIENT	-.00010	.00022	-.00198	.00001	-.00008	.00198	.58677	.24397	4.27903	-.05510

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.398	-3.921	.09254	-.00037	.05517	.99996	1.00602	.94738	1996.63000	1801.20000	1667.87000	1737.00999
.399	-1.992	.08904	-.00040	.07494	.99996	1.00809	.92995	1848.23000	1669.46001	1555.50999	1606.20000
.400	.004	.08506	-.00040	.06191	.99996	1.00680	.94137	1848.63000	1666.74001	1568.63000	1604.77000
.401	1.955	.08228	.00039	.06111	1.00004	1.00675	.94278	1849.17000	1666.30000	1582.38000	1604.11000
.402	4.038	.07858	-.00040	.06690	.99996	1.00737	.93697	1846.63000	1664.60001	1597.03999	1600.19000
.402	6.021	.07456	.00155	.04908	1.00016	1.00552	.95465	1851.69000	1665.50999	1618.62000	1601.96001
.402	8.027	.07702	.00194	.05157	1.00019	1.00579	.95274	1850.75999	1664.83000	1633.78000	1599.77000
.402	10.060	.07771	.00194	.05340	1.00019	1.00600	.95109	1850.75999	1664.92000	1651.00999	1600.42999
.403	12.046	.07004	.00078	.05539	1.00008	1.00622	.94823	1850.14000	1664.49001	1667.95000	1599.86000
.403	14.047	.06997	.00039	.05520	1.00004	1.00621	.94804	1850.37000	1664.33000	1686.81000	1600.71001
.404	16.044	.06871	.00000	-.00653	.00000	1.00657	-8.45624	.00000	1665.06000	1705.03999	1601.73000
.404	18.457	.06756	-.00195	.06253	.99981	1.00699	.93945	1849.64000	1664.71001	1724.42999	1603.17999
	GRADIENT	-.00173	.00004	.00048	.00000	.00007	-.00040	-14.92400	-13.79416	-5.66456	-13.76641

0A232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (3VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.600	-3.926	-.04180	-.00022	.03968	.99995	1.01053	.96164	1599.63000	1266.89999	1086.53000	1189.39999
.600	-1.919	-.04183	.00000	-.01339	.00000	1.01357	-3.67916	.00000	1269.61000	1111.42999	1189.17000
.600	.047	-.02173	.00109	.04785	1.00023	1.01258	.95533	1600.46001	1270.49001	1137.73000	1189.83000
.600	2.062	-.04339	.00110	.05287	1.00023	1.01387	.95078	1597.66000	1269.27000	1161.00999	1188.89999
.600	4.067	-.02457	.00131	.05014	1.00027	1.01316	.95346	1598.63000	1269.61000	1190.30000	1193.12000
.601	6.039	-.03523	.00109	.04723	1.00023	1.01250	.95589	1600.96001	1269.14000	1218.28999	1193.09000
.602	8.092	-.03356	.00281	.04487	1.00059	1.01194	.95965	1600.14000	1267.02000	1245.49001	1191.03999
.599	10.057	-.03304	-.00022	.05096	.99995	1.01333	.95132	1597.13000	1269.42000	1275.39999	1191.71001
.600	12.033	-.02579	.00132	.05620	1.00027	1.01467	.94799	1595.13000	1268.67999	1301.67000	1189.75000
.599	14.076	-.01852	-.00044	.05271	.99991	1.01371	.94953	1595.66000	1269.73000	1334.34000	1194.39000
.598	16.041	-.04037	-.00022	.05564	.99995	1.01439	.94710	1593.53000	1269.78999	1362.21001	1196.11000
.599	18.555	-.03640	-.00088	.05521	.99982	1.01434	.94689	1599.31000	1273.22000	1402.30000	1200.61000
	GRADIENT	.00164	.00021	.00435	.04984	.00028	.22972	79.45058	.25394	12.87733	.35950

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.698	-4.032	.02723	.00000	-.01726	.00000	1.01756	-2.64905	.00000	1060.92000	876.01500	1007.08000
.700	-1.862	-.01281	.00019	.05965	1.00005	1.02178	.94389	1442.87000	1062.94000	909.58500	1005.86000
.702	.106	-.01359	.00131	.05608	1.00035	1.02074	.94808	1445.89999	1061.39000	936.70200	1003.73000
.702	2.124	.00724	.00075	.05698	1.00020	1.02101	.94677	1444.09000	1060.98000	967.04700	1002.39000
.702	4.128	-.01371	.00131	.05211	1.00035	1.01934	.95166	1447.50000	1061.14999	1003.24000	1007.09000
.702	6.108	.00084	.00113	.05818	1.00030	1.02144	.94603	1442.23000	1059.81000	1031.07001	1003.74000
.701	8.109	-.00470	.00075	.05149	1.00020	1.01905	.95171	1444.59000	1059.86000	1064.47000	1005.80000
.701	10.053	-.00545	.00131	.05046	1.00035	1.01868	.95316	1447.50000	1061.70000	1098.08000	1010.88000
.700	12.059	.00385	.00095	.05698	1.00025	1.02089	.94695	1443.36000	1062.00999	1129.42999	1010.25000
.698	14.072	-.00970	.00038	.04855	1.00010	1.01784	.95405	1447.64000	1063.61000	1166.33000	1015.30000
.697	16.054	-.00664	-.00019	.05553	.99995	1.02016	.94723	1444.13000	1065.06000	1195.50999	1015.17000
.700	18.597	-.00415	-.00191	.06543	.99950	1.02370	.93692	1443.78000	1066.46001	1232.06000	1013.40000
	GRADIENT	-.00311	.00016	.00682	.10005	.00015	.36022	144.81035	-.07012	15.35821	-.17323

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (3VP001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.797	-4.033	.03576	.00083	.05840	1.00027	1.02872	.94557	1344.86000	909.84600	750.72700	895.75600
.800	-1.961	.03773	.00099	.05963	1.00032	1.02950	.94461	1348.83000	910.99400	787.60300	900.64200
.801	.024	.03749	.00099	.06361	1.00032	1.03145	.94107	1346.92999	910.55000	818.63700	898.18500
.802	1.998	.03620	.00116	.06556	1.00038	1.03244	.93950	1343.30000	908.04200	854.30600	895.17400
.799	4.038	.05047	.00067	.06223	1.00021	1.03065	.94201	1340.39000	906.93000	889.57000	894.85300
.799	5.997	.05202	.00033	.06293	1.00011	1.03100	.94109	1339.53999	906.41800	920.96800	894.26900
.799	8.010	.04222	.00033	.06178	1.00011	1.03040	.94212	1339.34000	906.41400	953.30600	893.90500
.799	10.015	.04615	.00116	.05906	1.00037	1.02922	.94527	1344.89999	908.30600	988.18900	899.10400
.798	11.997	.05414	.00099	.05971	1.00032	1.02942	.94454	1344.33000	909.12200	1021.71000	902.86700
.799	14.004	.03374	-.00017	.06416	.99995	1.03150	.93957	1342.63000	909.62200	1054.98000	902.64800
.799	15.993	.04293	.00017	.06252	1.00005	1.03073	.94131	1344.77000	910.57400	1088.42000	905.39800
800	17.991	.04556	-.00084	.07662	.99973	1.03731	.92812	1341.24001	912.76200	1115.24001	901.26000
	GRADIENT	.00139	-.00001	.00067	-.00000	.00034	-.00061	-.71518	-.43492	17.13219	-.35654

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 1 (3VR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.599	-3.401	-.21175	.00134	.06033	1.00027	1.01563	.94429	1593.63000	1269.71001	1093.66000	1173.09000
.598	-1.403	-.16908	.00132	.04963	1.00027	1.01295	.95392	1597.63000	1270.28999	1120.25000	1180.00000
.599	.646	-.12516	.00110	.04866	1.00023	1.01274	.95460	1597.06000	1269.00000	1143.24001	1183.46001
.599	2.654	-.08287	.00088	.04978	1.00018	1.01303	.95338	1597.69000	1269.56000	1170.52000	1191.92999
.599	4.671	-.04033	-.00022	.05743	.99995	1.01488	.94650	1591.92999	1268.17000	1196.86000	1192.17999
.600	6.702	.00224	.00153	.04878	1.00032	1.01282	.95489	1596.60001	1267.58000	1227.53000	1193.24001
	GRADIENT	.02124	-.00018	-.00028	-.00004	-.00007	.00009	-.16579	-.18898	12.70498	2.47999

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (3VR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.402	8.090	.07801	.00308	.04459	1.00031	1.00503	.96016	1852.17999	1665.08000	1635.98000	1601.10001
.402	10.029	.07122	.00270	.04657	1.00027	1.00525	.95798	1853.00000	1666.03000	1653.28000	1602.77000
.398	12.103	.07898	.00039	-.89524	1.00039	.00000	9.67428	1850.22000	.00000	1671.86000	1604.49001
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (3VR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.199	-3.797	.10715	1.01979	.04517	1.02627	1.00120	.94526	3675.67999	3580.97000	3651.34000	3612.13000
.200	-1.827	.10769	1.01654	.04283	1.02652	1.00115	.95275	3674.35001	3578.48999	3642.72000	3610.94000
.199	.128	.10926	1.01497	.04106	1.02660	1.00111	.96006	3674.64001	3578.34000	3635.51001	3612.37000
.200	2.188	.11057	1.01645	.04484	1.02665	1.00121	.95192	3674.45001	3578.09000	3626.75000	3613.56000
.200	4.178	.11165	1.01566	.03181	1.02672	1.00086	.95742	3672.26999	3575.60999	3615.48001	3612.67001
.201	6.184	.11272	1.01484	.04943	1.02681	1.00134	.95206	3678.00000	3580.84000	3612.64001	3619.19000
.200	8.191	.11390	1.01485	.03360	1.02679	1.00091	.96113	3677.53000	3580.44000	3603.14999	3619.57999
.200	10.196	.11508	1.01560	.04338	1.02678	1.00118	.95775	3679.32999	3582.31000	3595.22000	3621.38000
.201	12.206	.11617	1.01559	.04371	1.02687	1.00119	.95251	3669.20001	3572.10999	3574.64001	3611.26001
.201	14.201	.11743	1.01177	.04208	1.02700	1.00115	.95974	3670.29999	3572.35001	3566.59000	3612.50000
.201	16.191	.11849	1.01850	.04742	1.02695	1.00129	.95648	3679.67999	3582.29999	3566.44000	3621.95001
	GRADIENT	.00060	-.00041	-.00124	.00005	-.00003	.00116	-.33671	-.55638	-4.39350	.18595

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (3VR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.249	-3.792	.10600	1.02266	.06129	1.04094	1.00256	.94877	2384.59000	2289.16000	2356.79001	2320.25000
.250	-1.773	.10662	1.02036	.05810	1.04089	1.00243	.94347	2384.82001	2289.25000	2350.45999	2320.69000
.250	.184	.10813	1.02033	.05725	1.04096	1.00240	.94552	2384.45999	2288.75000	2342.95999	2321.76999
.250	2.014	.04949	1.01958	.05681	1.04093	1.00238	.94338	2383.89001	2288.17001	2334.23999	2322.20999
.250	4.008	.05110	1.02032	.05816	1.04100	1.00244	.94172	2383.34000	2287.54999	2325.10999	2322.79999
.249	6.214	.11235	1.01740	.05607	1.04072	1.00234	.94550	2380.54001	2285.26001	2314.53000	2321.45001
.249	8.120	.11321	1.01737	.05351	1.04071	1.00223	.94822	2384.98999	2289.56000	2311.39999	2326.17999
.249	10.135	.11312	1.01665	.05399	1.04053	1.00225	.94689	2388.20001	2292.98999	2306.17999	2329.60999
.248	12.159	.11290	1.01980	.05723	1.04038	1.00237	.94603	2390.10999	2295.47000	2298.50000	2331.73999
.248	14.153	.11259	1.02295	.05872	1.04032	1.00242	.94240	2389.57001	2295.35999	2288.44000	2331.12000
.247	16.205	.11093	1.02852	.06542	1.04036	1.00268	.94192	2382.75000	2289.26999	2272.17999	2324.38000
	GRADIENT	-.00853	-.00028	-.00039	.00001	-.00002	-.00073	-.17594	-.22097	-4.10079	.34147

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (3VR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INJERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.398	-3.955	.08474	1.02185	.05810	1.09962	1.00632	.94401	1995.96001	1801.35001	1931.20000	1863.23000
.398	-1.919	.08234	1.02142	.05423	1.09996	1.00592	.94611	1993.86000	1798.67999	1913.24001	1860.63000
.399	.045	.08365	1.02059	.05469	1.10034	1.00600	.94636	1992.9;000	1796.94000	1895.56000	1861.03999
.400	2.049	.08145	1.02009	.05232	1.10103	1.00578	.94941	1992.31000	1794.96001	1877.00999	1860.08000
.401	4.068	.08041	1.01896	.05410	1.10114	1.00600	.94756	1991.55000	1793.85001	1858.73000	1860.75999
.401	6.054	.08020	1.01892	.05147	1.10133	1.00572	.94375	1991.31000	1793.25000	1841.12000	1862.25000
.401	10.066	.08022	1.01891	.05340	1.10139	1.00594	.94684	1991.35001	1793.14999	1805.55000	1862.37000
.401	14.041	.08049	1.02041	.05660	1.10131	1.00628	.94483	1991.03999	1793.34000	1768.82001	1861.69000
.400	18.068	.08197	1.02919	.06244	1.10080	1.00683	.93732	1990.42999	1795.39000	1735.41000	1862.38000
	GRADIENT	-.00048	-.00036	-.00050	.00021	-.00004	.00052	-.51842	-.93547	-9.05269	-.27491

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (3VR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6900 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.601	-1.984	-.03546	1.02931	.05722	1.21092	1.01497	.94525	2111.39999	1678.67999	1877.53000	1781.94000
.602	2.113	-.03681	1.02393	.05170	1.21127	1.01363	.95002	2116.29999	1679.55000	1810.25999	1780.78999
.603	6.096	-.03828	1.02224	.04992	1.21181	1.01323	.95095	2110.87000	1673.33000	1735.91000	1771.33000
.603	10.092	-.03644	1.02364	.05139	1.21201	1.01361	.95001	2118.95999	1679.98000	1667.58000	1781.50000
.602	14.084	-.03439	1.02576	.05357	1.21132	1.01409	.94942	2118.32999	1681.94000	1595.07001	1784.47000
.600	18.076	-.02931	1.03630	.06451	1.20985	1.01666	.93733	2116.59000	1687.77000	1522.23000	1790.95000
	GRADIENT	-.00033	-.00131	-.00135	.00009	-.00033	.00116	1.19585	.21232	-16.41737	-.28066

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.701	-1.948	-.00591	1.03616	.06148	1.27242	1.02243	.94064	2114.19000	1558.11000	1778.64999	1638.25999
.703	2.092	-.00562	1.02997	.05508	1.27391	1.02037	.94681	2115.28000	1552.56000	1683.71001	1635.31000
.702	6.062	-.00736	1.02803	.05311	1.27355	1.01965	.94811	2114.88000	1551.88000	1587.28000	1626.50000
.701	10.088	-.00223	1.02888	.05399	1.27292	1.01988	.94858	2116.88000	1555.32001	1497.21001	1626.19000
.699	14.026	.00045	1.03220	.05745	1.27175	1.02097	.94469	2115.98001	1556.75000	1411.45000	1632.35001
.696	18.000	.00102	1.04252	.06811	1.26968	1.02436	.93499	2115.51999	1568.08000	1334.56000	1650.17999
	GRADIENT	.00007	-.00153	-.00159	.00037	-.00051	.00153	.26985	-1.37402	-23.50436	-.73033

OA232 AEDC 16T TF431 LA .2A RFN.IS FTP (3VR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	PTFDEC	PSFDEC	PTF/PT	PSF/P	QCF/QC	PTF	PSF	PFA	PFB
.800	8.002	.04638	1.03735	.06039	1.33582	1.02979	.94161	2114.89001	1429.89000	1349.28000	1444.42000
.800	12.022	.04638	1.04055	.06363	1.33627	1.03133	.94025	2117.26001	1433.05000	1248.05000	1442.83000
.800	16.027	.04795	1.04749	.07073	1.33634	1.03461	.93366	2117.17001	1437.28999	1155.25000	1448.37000
.799	18.019	.05142	1.05321	.07662	1.33549	1.03718	.92713	2116.07001	1441.59000	1117.38000	1460.44000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

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OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (4VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 37/ 0 RN/L = 2.18 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.202	-3.800	.12342	-7.00273	1.94823	.07201	.00000	-.14416
.200	-1.769	.11931	-6.91188	.75236	3.96044	-.86400	-.36040
.200	.186	.11558	-3.46578	1.74774	-.07201	-.21600	-.21624
.200	2.183	.11190	8.99351	8.43486	.86410	.00000	.00000
.201	4.203	.10783	.01257	.91579	.79209	-.64800	.07208
.200	6.211	.10813	1.76185	.57359	.86410	-.21600	-.21624
.200	8.188	.10780	8.85088	8.46381	2.80831	.21600	.00000
.200	10.192	.11433	5.59159	.52735	1.29614	-.21600	.07208
.200	12.199	.10878	8.73441	8.45757	2.52028	.00000	.00000
.200	14.190	.11150	10.83850	1.32384	-1.94421	.00000	.07208
.200	16.206	.11339	11.87660	-.28145	3.74441	-.21600	-.28832
.199	18.545	.11660	15.11400	1.08359	.57606	.00000	-.28832
	GRADIENT	-.00193	1.49528	.27832	-.08048	-.02230	.03962

RUN NO. 41/ 0 RN/L = 1.87 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.250	-3.994	.04844	-19.77340	-7.56453	1.94421	.00000	.07208
.251	-1.991	.04767	-18.09850	-7.69606	2.08823	.64800	.21624
.251	-.002	.04780	-15.92560	-7.89624	2.30425	.21600	-.07208
.252	2.006	.04717	-13.25900	-7.75056	1.08012	.00000	.21624
.252	4.003	.04770	-10.88810	-7.96273	.93610	-.64800	.28832
.252	6.015	.04789	-8.90439	-8.54688	1.72819	.00000	.14416
.252	8.011	.04951	-7.60374	-9.57295	4.68052	-1.08000	.14416
.249	10.215	.10299	-3.88454	-8.13187	.36004	.00000	.36040
.248	12.197	.09944	-1.79391	-8.70135	2.08823	-.43200	.21624
.248	14.193	.09332	1.05256	-8.26788	1.15213	.21600	.21624
.248	16.215	.12333	-1.18901	90156	2.01622	.21600	.00000
.248	18.193	.09355	-1.28950	.79042	1.87221	.00000	.00000
.248	18.546	.09286	-1.30081	.79391	2.23225	-.21600	.00000
	GRADIENT	-.00010	1.13097	-.04254	-.15138	-.09722	.02168

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (4VR001) (26 JUL 78)

REFERENCE DATA

SREF = 269J.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 36/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.398	-3.921	.09254	-7.73191	1.38466	4.10445	-.21600	-.07208
.399	-1.992	.08904	-6.72472	.95081	7.56083	-.21600	-.07208
.400	.004	.08506	-4.52109	1.17620	5.04056	-.21600	-.07208
.401	1.955	.08228	-2.71186	1.18751	4.89654	-.21600	.07208
.402	4.038	.07868	-.74147	.95101	5.90465	-.21600	-.07208
.402	6.021	.07456	1.94002	1.16527	2.80831	-.86400	.28832
.402	8.027	.07702	3.84777	1.01870	3.52839	-.64800	.36040
.402	10.060	.07771	5.91897	1.06876	3.81642	-.21600	.36040
.403	12.046	.07004	8.01850	1.04951	3.88843	-.21600	.14416
.403	14.047	.06997	10.31470	1.15427	4.03244	-.86400	.07208
.404	16.044	.06871	7.06045	7.65020	4.46449	-.64800	.00000
.404	18.457	.06756	14.85640	1.31180	5.11256	.43200	-.36040
	GRADIENT	-.00173	.90643	-.03172	.04612	.00000	.00708

RUN NO. 33/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.600	-3.926	-.04180	-8.30974	.84185	4.89654	.21600	-.07208
.600	-1.919	-.04183	7.81310	6.76720	8.71296	-.64800	.00000
.600	.047	-.02173	-4.92976	.61118	7.48883	.00000	.36040
.600	2.062	-.04339	-3.17308	.60510	9.07300	.21600	.36040
.600	4.067	-.02457	-1.02926	.85054	8.20891	-.21600	.43248
.601	6.039	-.03523	1.09353	.91566	7.34481	.86400	.36040
.602	8.092	-.03356	3.23637	.93783	6.62473	.64800	.93704
.599	10.057	-.03304	5.24121	.75722	8.42493	-.86400	-.07208
.600	12.033	-.02579	7.24399	.66416	10.08110	-.86400	.43248
.599	14.076	-.01852	9.59430	.87694	8.92899	-1.29600	-.14416
.598	16.041	-.04037	11.70380	.94779	9.79308	-.86400	-.07208
.599	18.555	-.03640	14.37310	1.04681	9.72107	-.86400	-.28832
	GRADIENT	.00164	.18331	-.30591	.35020	-.00023	.06849

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (4VR001) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 32/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.698	-4.032	.02723	6.38457	4.20092	9.72107	.64800	.00000
.700	-1.862	-.01281	-8.15443	-.15892	14.04160	.00000	.07208
.702	.106	-.01359	-6.15770	-.15251	12.88940	.64800	.50456
.702	2.124	.00724	-4.16790	-.21734	13.17750	.00000	.28832
.702	4.128	-.01371	-1.77097	.06479	11.44930	-.43200	.50456
.702	6.108	.00084	.10934	-.08059	13.60950	-.64800	.43248
.701	8.109	-.00470	2.30145	.05195	11.16120	.00000	.28832
.701	10.053	-.00545	4.37197	.24234	10.80120	-.43200	.50456
.700	12.059	.00385	6.44764	.15585	13.10540	-.64800	.36040
.698	14.072	-.00970	8.72872	.37130	10.00910	.00000	.14416
.697	16.054	-.00664	10.65730	.24506	12.45740	.00000	-.07208
.700	18.597	-.00415	13.04110	.04999	16.05780	-.21600	-.72080
	GRADIENT	-.00311	-.63252	-.41700	.13555	-.10686	.06031

RUN NO. 31/ 0 RN/L = 2.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.797	-4.033	.03576	-10.52590	-.31452	16.34580	.00000	.36040
.800	-1.961	.03773	-8.33938	-.11077	16.99390	.21600	.43248
.801	.024	.03749	-6.48529	-.22006	18.65010	.00000	.43248
.802	1.998	.03620	-4.21517	-.24869	19.44210	.00000	.50456
.799	4.038	.05047	-2.04300	-.20906	17.93000	-.21600	.28832
.799	5.997	.05202	-.12511	-.21342	18.21800	.00000	.14416
.799	8.010	.04222	1.82085	-.23306	17.71390	-1.29600	.14416
.799	10.015	.04615	3.76503	-.05096	16.70580	-.21600	.50456
.798	11.997	.05414	5.73714	.10524	16.92190	-.64800	.43248
.799	14.004	.03374	7.74266	.06486	18.72210	-.21600	-.07208
.799	15.993	.04293	9.66718	.16231	18.07400	.21600	.07208
.800	17.991	.04556	11.30690	-.18534	23.76260	.00000	-.36040
	GRADIENT	.00139	1.04908	.00381	.27881	-.03206	-.00360

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 I (4VR002) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = 180.000

RUN NO. 35/ 0 RN/L = 2.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.599	-3.401	-.21175	-8.34338	-.46540	11.30520	.00000	.43248
.598	-1.403	-.16908	-6.28520	-.01669	7.99288	-.86400	.43248
.599	.646	-.12516	-4.47150	.28460	7.70485	-.64800	.36040
.599	2.654	-.08287	-2.49993	.76767	8.06489	-.86400	.28832
.599	4.671	-.04033	-.52681	.80602	10.36910	-.64800	-.07208
.600	6.702	.00224	1.85629	.98169	7.77686	.00000	.50456
	GRADIENT	.02124	.96122	.16469	-.08885	-.06397	-.05709

OA232 AEDC 16T TF431 LFO.2P/S RFO.2A FTP FR22 (4VR003) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 42/ 0 RN/L = 2.17 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.402	8.090	.07801	4.10478	1.15456	2.37626	.21600	.57664
.402	10.029	.07122	6.06763	1.21629	2.23225	.00000	.50456
.398	12.103	.07899	7.69186	6.44741	.00000	.86400	.72080
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (4VR017) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 220/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.199	-3.797	.10715	25.26350	14.65200	1.87387	.00000	96.58420
.200	-1.827	.10769	23.63920	14.83820	1.58558	.00000	97.44840
.199	.128	.10926	21.93640	15.12900	1.44144	.00000	97.73650
.200	2.188	.11057	19.95830	15.41490	1.58558	.00000	97.95260
.200	4.178	.11165	17.89600	15.71280	1.51351	.00000	98.16870
.201	6.184	.11272	15.99550	15.93380	1.44144	.00000	98.60080
.200	8.191	.11390	13.91490	16.09840	1.44144	.00000	98.52890
.200	10.196	.11508	11.66560	16.08980	1.51351	.00000	98.52880
.201	12.206	.11617	9.27943	16.09840	1.51351	.00000	98.60080
.201	14.201	.11743	7.38727	16.22950	1.15315	.00000	99.10500
.201	16.191	.11849	5.06861	16.17600	1.80180	.00000	99.17700
	GRADIENT	.00060	-.92272	.13520	-.03579	.00000	.18359

RUN NO. 221/ 0 RN/L = 1.85 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.249	-3.792	.10600	17.45520	8.02759	2.16216	.00000	97.59250
.250	-1.773	.10662	15.67890	8.10382	1.94594	.00000	97.52050
.250	.184	.10813	13.75110	8.47753	1.94594	.00000	97.66450
.250	2.014	.04949	11.53450	8.72268	1.87387	.00000	97.59250
.250	4.008	.05110	9.21215	9.01392	1.94594	.00000	97.73650
.249	6.214	.11235	7.00012	9.28793	1.65765	.00000	96.94430
.249	8.120	.11321	4.96152	9.37996	1.65765	.00000	97.08830
.249	10.135	.11312	2.60869	9.40024	1.58558	.00000	96.80020
.248	12.159	.11290	-.16673	9.36627	1.87387	.00000	96.51210
.248	14.153	.11259	-2.91335	9.28269	2.16216	.00000	96.36810
.247	16.205	.11093	-5.76000	9.18947	2.66666	.00000	96.15200
	GRADIENT	-.00853	-1.06331	.13347	-.02616	.00000	.01861

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (4VR018) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 222/ 0 RN/L = 2.29 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.398	-3.955	.08474	22.59380	12.43540	4.25225	.00000	198.85800
.398	-1.919	.08234	20.78970	12.42560	4.18017	.00000	199.36200
.399	.045	.08365	18.90940	12.59200	4.03603	.00000	200.01100
.400	2.049	.08145	16.94270	12.64040	3.96396	.00000	201.30700
.401	4.068	.08041	14.97530	12.78570	3.74774	.00000	201.45100
.401	6.054	.08020	13.03150	12.95530	3.74774	.00000	201.81100
.401	10.066	.08022	9.00592	12.96950	3.74774	.00000	201.95500
.401	14.041	.08049	4.81376	12.91010	4.03603	.00000	201.73900
.400	18.068	.08197	.68871	12.87110	5.69369	.00000	200.73100
	GRADIENT	-.00048	-.95357	.04570	-.06122	.00000	.35615

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (4VR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 223/ 0 RN/L = 3.25 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.601	-1.984	-.03546	15.91310	10.27230	12.68470	.00000	445.39600
.602	2.113	-.03681	12.03780	10.13590	10.45040	.00000	447.19700
.603	6.096	-.03828	8.25893	9.97954	9.72972	.00000	447.26900
.603	10.092	-.03644	4.11684	10.12550	10.37840	.00000	449.35700
.602	14.084	-.03439	-.01455	10.19910	11.24320	.00000	447.62900
.600	18.076	-.02931	-4.53546	10.31220	15.56750	.00000	444.38800
	GRADIENT	-.00033	-.94577	-.03329	-.54529	.00000	.43954

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (4VR019) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 224/ 0 RN/L = 3.58 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.701	-1.948	-.00591	11.97720	6.22671	20.10810	.00000	576.19200
.703	2.092	-.00562	7.86295	6.28973	16.86480	.00000	579.57700
.702	6.062	-.00736	3.58177	5.97483	15.78380	.00000	578.78500
.701	10.088	-.00223	-.60321	5.83768	16.21620	.00000	577.77600
.699	14.026	.00045	-4.64964	5.96535	17.94590	.00000	575.18300
.696	18.000	.00102	-8.73113	6.35306	23.27920	.00000	570.71800
	GRADIENT	.00007	-1.01857	.01560	-.80295	.00000	.83803

OA232 AEDC 16T TF431 LA .2A RFN.1S FTP (4VR020) (26 JUL 78)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 1076.6800 IN. XO
LREF = 474.8100 INCHES YMRP = .0000 IN. YO
BREF = 936.6800 INCHES ZMRP = 375.0000 IN. ZO
SCALE = .1000

PARAMETRIC DATA

BETA = .000 PHI = .000

RUN NO. 225/ 0 RN/L = 3.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	AFP	BFP	DP99	DP100	DP101
.800	8.002	.04638	-4.06444	.93427	25.58550	.00000	710.58900
.800	12.022	.04638	-8.04158	.77316	27.74770	.00000	711.95700
.800	16.027	.04795	-11.80350	.81966	32.28820	.00000	712.17300
.799	18.019	.05142	-13.51860	1.09108	35.89180	.00000	710.37300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000